Base Load Power Hub (BLPH)

WELDING REGISTER & RT REPORTS - PIPING

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Rev.	Date	Description	Prepared	Reviewed	Approved

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Revision / Change Log

Rev.	Description
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Table of contents

1 INTRODUCTION AND INSTRUCTIONS FOR USE 4

2 IDL-PRQ-02 Welding Register & NDT Report Interpretation 5

3 WELDING REGISTER – RT 6

4 RT REPORTS 7

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1 INTRODUCTION AND INSTRUCTIONS FOR USE

This dossier compiles the Radiographic Testing (RT) reports and related certificates for the piping components supplied within the BLPH project. It has been organized to support both structured navigation and efficient, targeted retrieval of information.

Guidance on how to consult and interpret the reports—starting from the Welding Register—is provided in the document IDL-PRQ-02 Welding Register & NDT Report Interpretation, attached herein.

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2 IDL-PRQ-02 WELDING REGISTER & NDT REPORT INTERPRETATION

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Rev.	*Data*	*Descrizione*	*Preparato da*	*Approvato da*
2015-00	21.01.2015	Prima Emissione / First Issue	F. Scialpi	D. Depasquale
2020-00	13.01.2020	General revision	C. Gemignani	D. Depasquale
2023-00	23.08.2023	General revision	A. Galesi	D. Depasquale
2025-00	18.09.2025	General revision	A. Galesi	D. Depasquale

1. SCOPE/SCOPO

The following instruction provides useful clarifications for reading the print of the weld register relative to the identification of the welds, welder punches, controls, etc.
Furthermore, it provides a reading key for some codes indicated in the Non-Destructive Test reports.

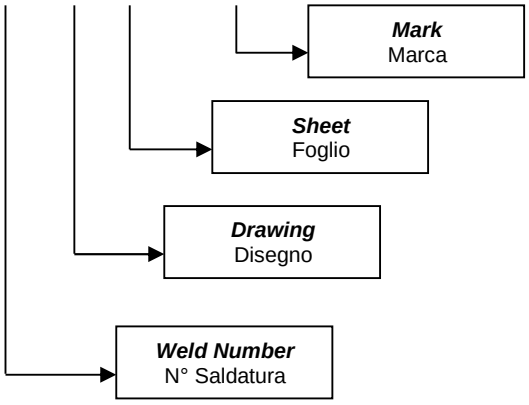
La seguente istruzione fornisce chiarimenti utili per la lettura della stampa del registro saldature relativamente ad identificazione delle saldature, punzoni saldatori, controlli, ecc.
Inoltre, fornisce una chiave di lettura relativamente ad alcuni codici indicati sui report dei Controlli Non Distruttivi.

2. ROSETTI WELDS/SALDATURE ROSETTI

Starting from the construction drawings, with the welds map, issue by Rosetti (see Attached 1A for structures and 1B for piping) it is possible to identify the weld.
On the welding register the identification is reported as in the example below.

Partendo dai disegni costruttivi con la mappa delle saldature emessi da Rosetti (vedi allegato 1A per le strutture e 1B per il piping) è possibile individuare la saldatura.
Sul registro l'identificativo della saldatura è riportato come all'esempio sotto.

7 / 178 / 1 / DJA006



Following the welding number are show: drawing revision, production date, welder stamp, item type (tab. A), item size (it is the size indicated in the descriptive part of the table of materials), thickness (s), geometry of the bevel, welding length, production (prefabrication/erection/offshore), kind of material, WPS, weld technique, connection type and weld acceptance date.
Under this string are listed all the checks that must be performed on the weld (tab. B) with specified near the phase, the Job Instruction used, the operator performing the check, the extension, the number the date of the reports, the judgment (tab. C), the length of any repairs and the WPS to execute them.

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Di seguito al numero di saldatura sono riportati: revisione del disegno, data di produzione, punzone saldatore, tipo pezzo (tab. A), dimensione pezzo (è la misura indicata nella parte descrittiva della tabella materiali), spessore/i, geometria del cianfrino, lunghezza saldatura, fase di produzione (prefabbricazione / montaggio / offshore), tipo di materiale, WPS, tecnica di saldatura, tipo di connessione e la data di accettazione della saldatura.
Sotto questa stringa sono elencati tutti i controlli che devono essere eseguiti sulla saldatura (tab. B) con specificato vicino la fase, l'Istruzione Di Lavoro utilizzata, l'operatore che esegue in controllo, l'estensione, il numero la data dei report, il giudizio (tab. C), la lunghezza di eventuali riparazioni e la WPS per eseguirle.

3. ATTACHMENTS/ALLEGATI

1A *Structural drawing* / Disegno Strutturale

1B *Piping drawing* / Disegno Piping

2 *Welding register* / Registro saldature

3 *Code description* / Descrizione codici

- Tab A *Item type* / Tipo pezzo
- Tab B *Non distructive test type* / Tipo controllo non distruttivo
- Tab C *NDT Result* / Esito CND
- Tab D *Indication Type* / Tipo di indicazione

4 *Non destructive test report example* / Esempi di Rapporti controlli non distruttivi

Dye penetrent / Liquidi penetranti

Magnetic particle / Particelle magnetiche

Ultrasonic / Ultrasuoni

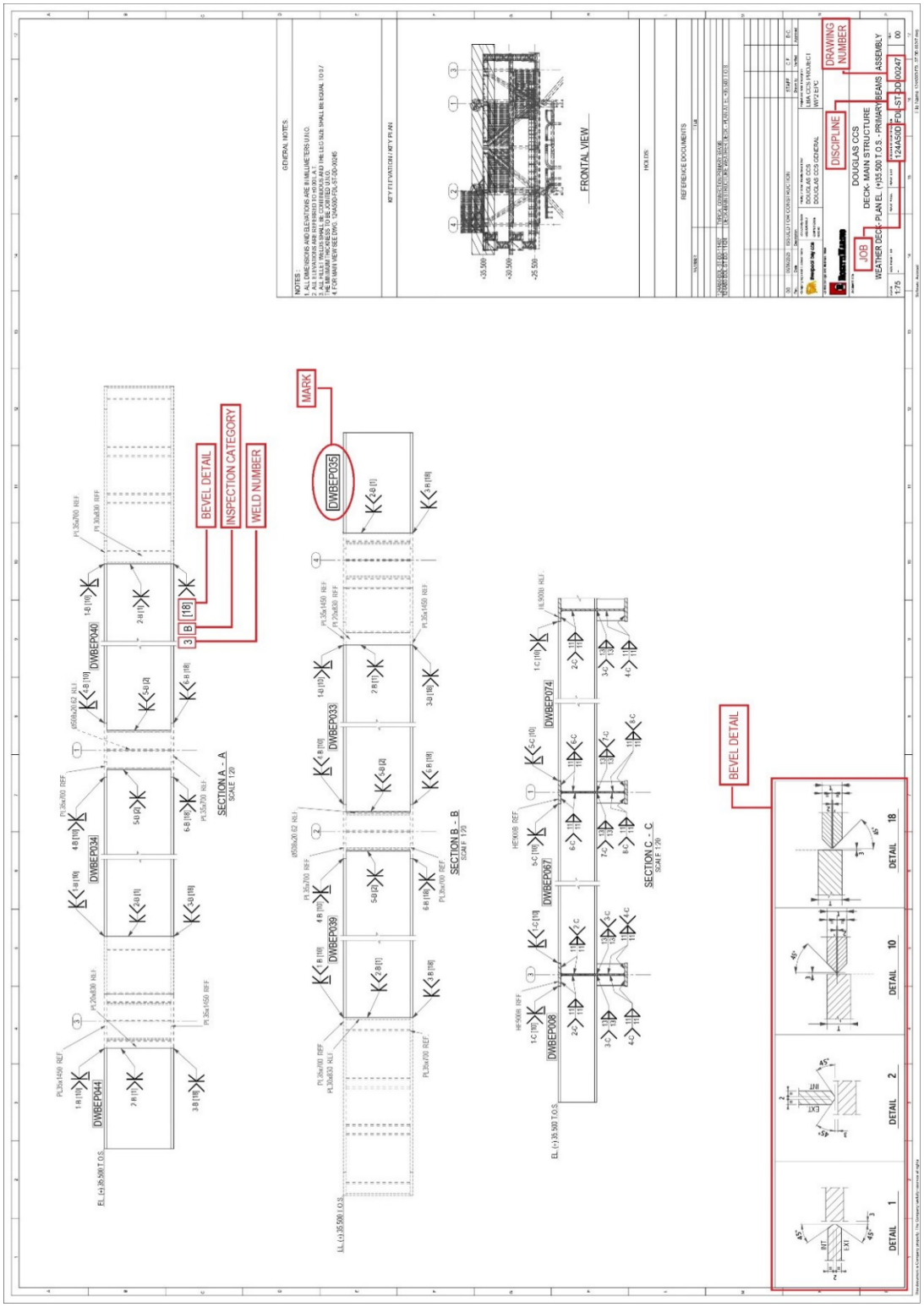
Radiographic / Radiografico

5 *Ultrasonic test report with indication* / Rapporto Ultrasuoni con indicazione

Indication report (second sheet) / Rapporto di indicazione (seconda pagina)

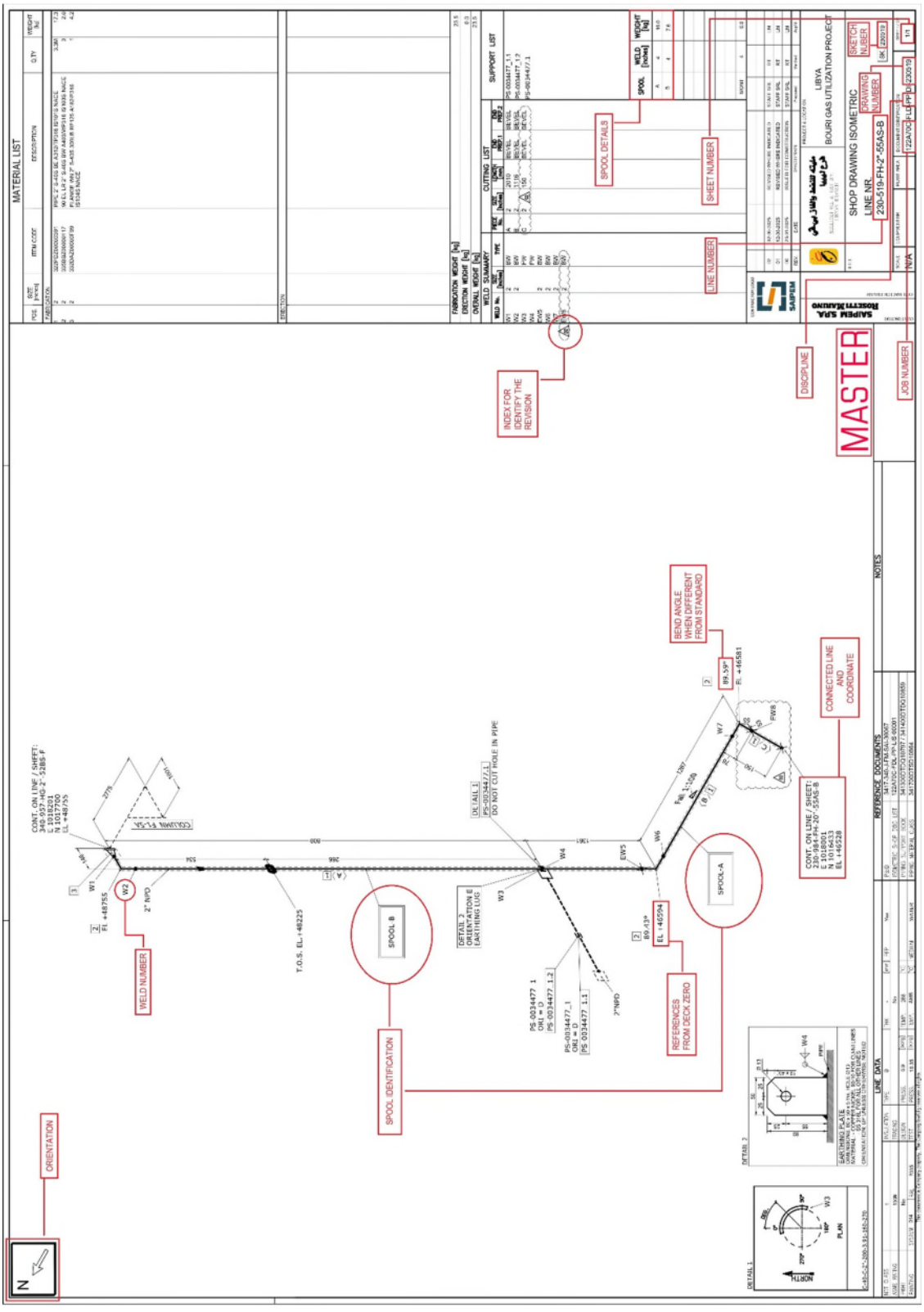
ATTACHMENT 1A

Structural Drawing



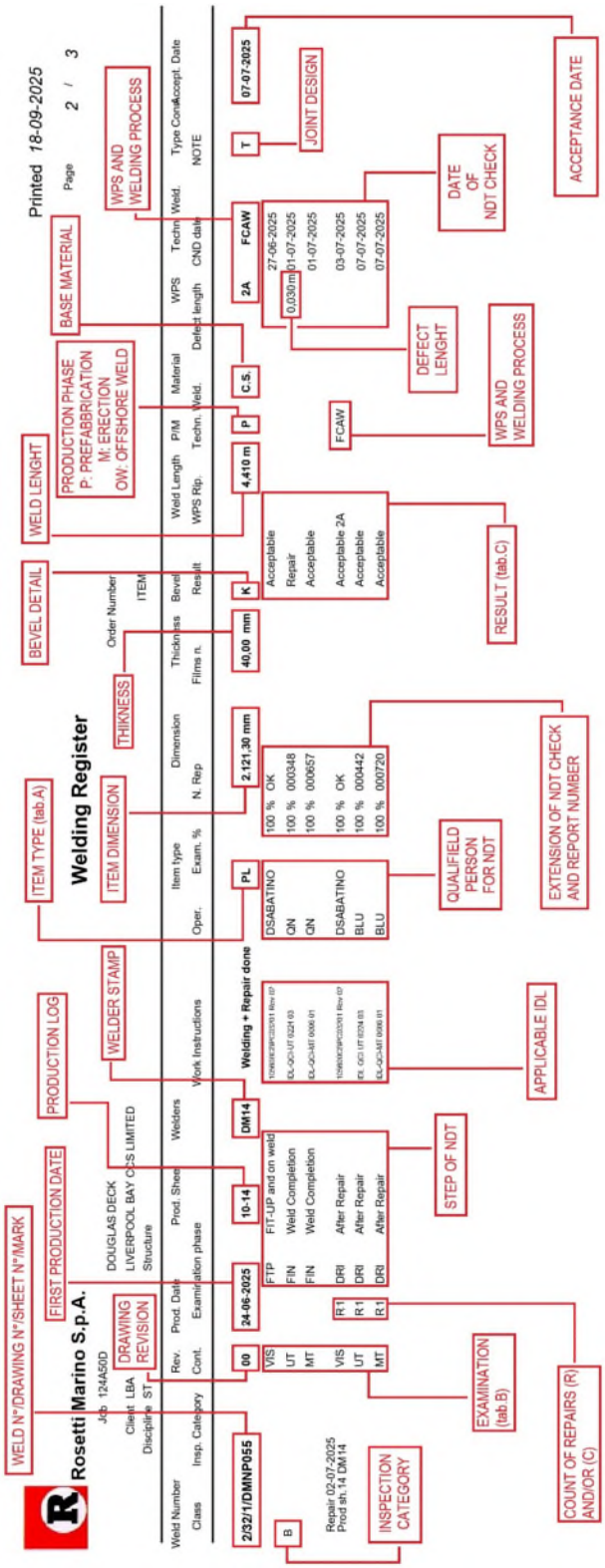
ATTACHMENT 1B

Piping Drawing



ATTACHMENT 2

Welding Register



ATTACHMENT 3

Code Description

Tab. A Item type

Code	Description		Code	Description
ALL	All types of parts		LTR	Latrolet
BOMA	Nozzle		MAN	Coat
BOS	Coupling		NFL	Nipoflange
C	UNP		NHUN	Nipohub
CAP	Cap		NIPH	Nipple PBE
CON	Cone		NIS	NIP SWA
ELB	Elbow		NPT	Nipolet
ELET	Elbolet		NTOE	Nipple POE
FLA	Flange		PAD	Double plate
FLG	Flangeolet		PIPE	Pipe
FLJ	Flange Lap Joint		PL	Plate
FLT	Flatolet		PLR	Reinforced plate
FLW	Flange L.W.N.		RED	Reduction
FMH	Manhole		SAD	Saddle
FSO	Flange Slip-On		SHS	Square hollow section
FSW	Flange Socket Weld		SK	Skirt
FWN	Flange W.N.		SOC	Sockolet
G3P	Three piece joint		SUP	Support
GISO	Insulation joint BW		SWE	Sweepolet
GOB	Half shell		SYT	Strainer Y-Type
GOL	Pad eyes		T	T Profile
HCP	Half coupling		TC	Plate ghirder
HEA	HEA		TEE	Tee
HEAD	Head		THR	Thredolet
HEB	HEB		TON	Rod steel
HEM	HEM		TQ	Square pipe
HUB	Hub		TRU	Trunnion
IPE	IPE		VAL	Valve
IPN	IPE inclined wings		WFLA	Weldoflange
L	L profile		WHU	Weldohub
LET	Thredolet		WOL	Weldolet

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Tab. B Non Destructive Test type

Code	Description
FCN	Ferroxyl Test
FET	Ferrite Test
HT	Hardness Test
IV	Video Inspection
LP	Dye penetrant
MT	Magnetic Inspection
PLF	Proof Load Test
PMI	Positive Material identification
PPI	Hydraulic Test
PPN	Pneumatic Test
RT	Radiographic Inspection
TT	Post Weld Heat Treatment
UT	Ultrasonic Test
UTC	UT Chevron Crack
UTE	UT AT ENDS
UTL	Lamination Check
UTP	UT Phased Array
UTS	UT Check for Thikness
UTT	TU TOFD
VCF	Checking Content of Iron Carbon
VIS	Visual Inspection

Tab C. NDT Result

Code	Description	
A	Acceptable	
R	Not Acceptable /Repair	
T	Cut	
C	Reshoot	Only for Radiographic test

Tab. D Indication type

Code	Description - Descrizione
BB	Aligned or series – Allineate o in serie
F	Undercut – Incisione
AB	Worm hole – Tarlo
FA	Superficial irregularity – Irregolarità superficiale
CA	Elongate cavity – Cavità allungata
CD	Confirm defect – Conferma difetto
CI	Irregular weld – Cordone irregolare
E	Crack – Cricca
BE	Defect of restart – Difetto di ripresa
DF	Defect of film – Difetto film
BA	Slag inclusion – Inclusioni di scoria
AA	Porosity – Porosità
F	Indentation or undercut – Solco o incisione
EX	Excess penetration – Eccesso di penetrazione
SL	Linear misalignment – Slivellamento
W	Tungsten inclusion – Inclusioni tungsteno
IN	Root concavity – Insellamento
C	Lack of fusion – Mancanza di fusione
D	Lack of penetration – Mancanza di penetrazione
K	Crater – Cratere
EA	Longitudinal – Longitudinale
EB	Transversal – Trasversale

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ATTACHMENT 4

Report Dye Penetrant Test

ROSETTI MARINO Group of Companies

NDE ACTIVITIES - TEST SHEET

RAPPORTO ESAME CON LIQUIDI PENETRANTI
DYE PENETRANT TEST REPORT

DATA DELL'ESAME / Examination Date: 12-09-2025
FOGLIO N° / sheet n°: 1 DI / of

COMMESSA N°/Job No	DISCIPLINA / Discipline	CLIENTE / Client	ORDINE N°/Order N°	PROGETTO/Project
122A70C	PP Piping	SAIPEM SPA / MELLITAH OIL & GAS B.V	1462567-1463781-1463746	BOURI GAS UTILIZATION PROJECT

PROCEDURA / Procedure	SPECIFICA / Specification	ACCETTABILITA'/Acceptance levels	INSPECTION TEST PAN / ITP No	FASE ITP / Phase
3417-000-Q-PT-SAI-11075 Rev. 03	20377.ENG.MME.STD	20377.ENG.MME.STD Table 5	3417-000-Q-QB-SAI-11062 Rev. 02	/

TECNICA DI SALDATURA / Welding process	PROCEDIMENTO DI SALDATURA / WPS	FASE DEL CONTROLLO / Examination phase	TRATTAMENTO TERMICO / PWHT
GTAW	N1A	FIN - Weld Completion	[ ] PRIMA DEL TT / Before PWHT [ ] DOPO IL TT / After PWHT [X] NON APPLICABILE / Not Applicable

OGGETTO / Object	MATERIALE / Material	TEMPERATURA PEZZO / Piece temperature	ISTRUZIONE DI LAVORO PT / PT Work Instruction
[ ] MAT. BASE / Parent Material [X] SALDATURA / Weld Metal	ASTM A815 UNS S31803	10 °C to 50 °C	IDL-QCI-LP - 0003 Rev. 01

CONDIZIONI DI VISIONE / Viewing conditions

[X] NATURALE / Natural light [X] ARTIFICIALE / Artificial light — TIPO ILLUMINATORE / Lighting equipment: LAMP
[ ] LAMPADA DI WOOD / Wood Lamp [ ] ALTRO / Other — ILLUMINAZIONE / Lighting intensity: >=1076

STATO DELLA SUPERFICIE / Surface condition

[X] COME SALDATO / As welded [X] SPAZZOLATO / As brushed [ ] LAV. DI MACCHINA / As machined [ ] COME CALANDRATO / As calendered [ ] ALTRO / Other
[ ] MOLATO / As ground [ ] COME LAMINATO / As rolled [ ] GREZZO / As forged [ ] VERNICIATO / As painted

PULITURA PRELIMINARE / Preliminary Cleaning	PULITORE PRELIMINARE (Marca e tipo) / Cleaner (trade and type)	Batch N.
[ ] ACQUA / Water [ ] STRACCI / Rags [X] SOLVENTE / Solvent [ ] ALTRO / Other	BC1 (ELITE)	B230905s

PENETRANTE (Marca e tipo) Penetrant (trade and type)	Batch N.	APPLICAZIONE PENETRANTE / Penetrant Application
K71B2p (ELITE) WATER SOLUBLE	230506hts	Spray

RIMOZIONE PENETRANTE / Removal penetrant	PULITORE PENETRANTE (Marca e tipo) Penetrant Remover (trade and type)
[X] ACQUA / Water [ ] STRACCI / Rags [ ] SOLVENTE / Solvent [ ] ALTRO / Other	water + rags

RIVELATORE (Marca e tipo) / Developer (trade and type)	Batch N.	ESSICAZIONE / Drying process
D112A (ELITE) SPRAY	231220W150s	natural at ambient temperature

APPLICAZIONE RIVELATORE / Developer application	TEMPO MINIMO PENETRAZIONE / Minimum Penetrating time (minuti/minutes)
Spray	10

TEMPO DI LETTURA / Checking time (minuti/minutes)	INTERVALLO APPLICAZIONE RIVELATORE/time interval developer application
min.10 max 30	max max 5 minutes

PULITORE POST-CONTROLLO / Cleaner after examination

[X] ACQUA / Water [X] STRACCI / Rags [ ] SOLVENTE / Solvent [ ] ALTRO / Other

OGGETTO CONTROLLATO / Object tested

Nr. RAPPORTO / Report Nr.	SALDATURA / Weld Number	DISEGNO / FOGLIO / DWG / sheet	MARCA / Mark	DIMENSIONI / Dimension	SPESSORE / Thickness	TIPO DI GIUNTO / Type of joint	LUNGHEZZA CONTROLLATA / Inspected length	ESITO / Result
009030	8	122A70C-FLD-PP-DI- 190053 / 1		12,00 in	9,53 mm	BW	1.017 Mt	A

REPORTS NUMBER & WELD TRACEABILITY

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / Q.C. Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL NTROL snc per Rosetti Marino SpA	Quality Control Dept. Ettore Lolli			

OD-QCI-37 Rev. 2020-00

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Report Magnetic Test

ROSETTI MARINO Group of Companies

NDT ACTIVITIES - TEST REPORT
RAPPORTO DI ESAME MAGNETOSCOPICO
MAGNETIC PARTICLE TEST REPORT

DATA DELL'ESAME / Examination Date: 03-07-2025
FOGLIO / Sheet n° 1 of

CLIENTE / Client	COMMESSA N°/Job No	DISCIPLINA / Discipline	ORDINE N°/ Order N°	PROGETTO/Project
LIVERPOOL BAY CCS LIMITED	124A50D	ST Structure		DOUGLAS DECK

CODICE - PROCEDURA Code - Procedure	SPECIFICA Specification	ACCETTABILITA' Acceptance levels	INSPECTION TEST PLAN ITP No	FASE ITP Phase ITP
105600CBPC0320 2 Rev. 02	08833.ENG.MME.SDS Rev.7	08833.ENG.MME.SDS Rev.7	105600CBQB03004 Rev.02	9.8

TECNICA DI SALDATURA Welding process	PROC. di SALDATURA WPS	FASE DEL CONTROLLO Examination phase	TRATTAMENTO TERMICO / PWHT
FCAW	2A	FIN Weld Completion	[ ] PRIMA DEL TT / Before PWHT [ ] DOPO IL TT / After PWHT [X] NON APPLICABILE / Not Applicable

OGGETTO Object	MATERIALE Material	TEMPERATURA PEZZO Piece temperature	ISTRUZIONE DI LAVORO MT MT Work Instruction
[ ] MAT. BASE Parent Material [X] SALDATURA Weld Metal	API 5L Gr.X52 EN 10025 S355 J2	22°C	IDL-QCI-MT - 0006 Rev. 01

CONDIZIONI DI VISIONE / Viewing conditions

[X] NATURALE Naturall light [ ] ARTIFICIALE Artificial light
TIPO ILLUMINATORE / Lighting equipment: NONE
[ ] LAMPADA DI WOOD Wood Lamp [ ] ALTRO Other
ILLUMINAZIONE / Lighting intensity: >= 500 Lux

STATO DELLA SUPERFICIE / Surface condition

[X] COME SALDATO As welded [X] SPAZZOLATO As brushed [ ] LAVORATO DI MACCHINA As machined [ ] COME CALANDRATO As formed
[ ] MOLATO As ground [ ] COME LAMINATO As rolled [ ] GREZZO As forged [ ] ALTRO Other

TECNICA DI MAGNETIZZAZIONE / Magnetization technique

[ ] PUNTALI Prods [X] GIOGO Yoke [ ] BOBINA Coil [ ] CONDUTTORE CENTRALE Neutral Wire [ ] ALTRO Other

SMAGNETIZZAZIONE FINALE/ Final Demagnetizzazion	CORRENTE/ Current	INTENSITA'/ Intensity
NOT APPLICABLE	A.C	2,4+3,9 kA/m S.N.S180423347

DISTANZA PUNTALI / Pole Spacing (mm)	TIPO APPARECCHIO/ Magnetic Equipment	NUMERO DI SERIE / Serial number
200	JAY-PAC 110V	JY1-1173

PARTICELLE MAGNETICHE UTILIZZATE PER L'ISPEZIONE / Magnetic particles used for inspection

TIPOLOGIA CONTROLLO Examination kind: [ ] SECCO / Dry [X] UMIDO / Wet [ ] FLUORESCENTE/Fluorescent
COLORE Color: [ ] BLU / Blue [ ] ROSSA / Red [X] NERA / Black [ ] ALTRO / Other

MARCA / Trade	TIPO / Type	Batch N.
ELITE	BW2	7306s

VERNICE DI CONTRASTO / Surface contrast paint	MARCA / Trade	TIPO / Type	Batch N.
White	ELITE	WBL5	U250108s

OGGETTO CONTROLLATO / Object tested

Nr. RAPPORTO Report Nr.	SALDATURA Weld Number	DISEGNO / Sheet DWG / sheet	MARCA Mark	DIMENSIONI Dimension	SPESSORE Thickness	TIPO DI GIUNTO Type of joint	LUNGHEZZA CONTROLLATA Inspected length	ESITO Result
000681	7	124A50D-FDL-ST-DD- 36 / 1	DMNP034	508,000 mm	12,70 mm	T	0,920 Mt	A
000682	8	124A50D-FDL-ST-DD- 36 / 1	DMNP034	508,000 mm	12,70 mm	T	0,920 Mt	A
000683	9	124A50D-FDL-ST-DD- 36 / 1	DMNP034	508,000 mm	12,70 mm	T	0,920 Mt	A
000684	10	124A50D-FDL-ST-DD- 36 / 1	DMNP034	508,000 mm	12,70 mm	T	0,920 Mt	A

REPORTS NUMBER & WELD TRACEABILITY

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' Q.C. Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third party inspector
NICO TOMASI Company: CONTRA II Lev MT/PT-VT-UT/TOFD PA Operator / Tecnico/Prüfer UNI EN ISO 9712	PISTOCCHI ANDREA LEVEL III ISO 9712 VT-PT-MT-RT-UT PAUT TOFD			

MOD-QCI-36 2020-00

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Report Ultrasonic Test

ROSETTI MARINO Group of Companies

TEST REPORT - NDT ACTIVITIES
RAPPORTO DI ESAME CON ULTRASUONI
ULTRASONIC TEST REPORT

DATA DELL'ESAME / Examination Date: 03-06-2025
FOGLIO / Sheet n° 1 of 1

COMMESSA / JOB	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
124A50D	DOUGLAS DECK	LIVERPOOL BAY CCS LIMITED		ST Structure

CODICE PROCEDURA / Procedure code	CODICE SPECIFICA / Standard Code	ISTRUZIONE DI LAVORO UT / UT Work instruction
105600CBPC03205 Rev. 02	08833.ENG.MME.SDS Rev.7	IDL-QCI-UT - 0161 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	FASE DEL CONTROLLO / Exam. Phase	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
08833.ENG.MME.SDS Rev.7	FIN Weld Completion	105600CBQB03004 Rev. 01	9.8

OGGETTO / Object	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
☐ MAT. BASE Parent mat. ☒ SALDATURA Weld metal	EN 10025 S355 J2 EN 10025 S355 K2	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICABILE Not Applicable

STATO SUPERFICIALE / Surface condition

☒ SALDATO As Welded ☒ SPAZZOLATO As brushed ☐ LAVORATO A MACCHINA As Machined ☐ CLADDATO As cladded ☐ MOLATO As Grounded
☐ LAMINATO As rolled ☐ GREZZO As forged ☐ SABBIATO As Sand Blasted ☐ VERNICIATO As painted ☐ ALTRO Other

APPARECCHIATURA Equipment	TIPO Type	NUMERO DI SERIE Serial number	LIQUIDO D'ACCOPPIAMENTO Couplant medium	SMORZAMENTO Damping	SOGLIA Reject
OLYMPUS	EPOCH 600	160959009	Water Metilcellulose	/	/

BLOCCO DI CALIBRAZIONE Calibration block	CONTROLLO MATERIALE BASE Parent material inspection	BLOCCO DI RIFERIMENTO Reference block	SENSIBILITÀ DI TARATURA Calibration sensitivity	TECNICA DI CONTROLLO Examination technique	TARATURA SCALA Time base calibration
B 34	100% Acceptable	I.I.W.-V1-V2	SDH 1,6mm	Reflection	ON DISTANCE

COSTRUTTORE SONDA Probe manufacturer	NUMERO DI SERIE Serial number	FREQUENZA Frequency (MHz)	DIMENSIONE Size (mm)	ANGOLO Beams Angle NOMINALE Nominal (°)	ANGOLO Beams Angle EFFETTIVO Actual (°)	EMISS. FASCIO Probe index (mm)	GUADAGNO Gain setting (dB)	SENSIBILITÀ SCANSIONE Scan sensitivity (dB)	PERDITA DI TRASFERIMENTO Transfer correction (dB)	ONDE Wave
GE	5692985714	4	8x9	70°	70°	12	39.20	+6	+4	SHEAR
GE	73687	4	8x9	60°	60°	11	36.50	+6	+3	SHEAR
GE	75800	4	8x9	45°	45°	10	37.30	+6	+3	SHEAR
GE (Mat. Base)	5746350569	4	3,5x10	0°	0°	/	39.00	/	/	LONG
GE (Weld ex)	5746350569	4	3,5x10	0°	0°	/	41.00	+6	/	LONG

LO STATO FISICO E L'ASPETTO ESTERNO DELL'APPARECCHIATURA COMBINATA E' STATO VERIFICATO PRIMA DELL'UTILIZZO E RISULTA CONFORME AI REQUISITI APPLICABILI
The combined equipment physical state and external aspect has been checked before using and it complies with the applicable requirements

OGGETTO CONTROLLATO / Tested object

RAPPORTO Report Nr.	SALDATURA Weld number	DISEGNO / FOGLIO Drawing Nr / Sheet	MARCA Mark	DIMENSIONE PEZZO Item Dimension	Sp. Thk (mm)	WPS	TECNICA DI SALDATURA Welding Process	LUNGHEZZA CONTROLLO Inspected length	ESITO Result
000086	1	124A50D-FDL-ST-DD- 7 / 1	DCNP005	700,000 MM	20,00	2A	FCAW	0.700 Mt	A
000087	2	124A50D-FDL-ST-DD- 7 / 1	DCNP005	700,000 MM	20,00	2A	FCAW	0.700 Mt	A

REPORTS NUMBER & WELD TRACEABILITY

NOTE / Remarks: Piece temperature: from 15°C.

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITÀ Quality Control Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Rep.	ISPETTORE TERZA PARTE Third Part Inspector
Company: CONTROL snc Operator: Barchi Luca	ROSETTI MARINO SPA Comandini Massimo Level II NDT EN ISO9712			

MOD-QCI-34 Rev. 2020-00

Report Radiographic Test

ROSETTI MARINO Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 29-07-2025
FOGLIO / sheet n°: 1 of 1

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
124A50D	DOUGLAS DECK	LIVERPOOL BAY CCS LIMITED		ST Structure

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
1D	GMAW+SAW	08833.ENG.MME.SDS Rev.7	105600CBPC03204 Rev. 02	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
08833.ENG.MME.SDS Rev.7	105600CBQB03004 Rev. 02	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	EN 10225 S460	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
IR 192	ASTM 1B	Wire n.12	Source side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Iridium 192	Kodak T200	2	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	1	Single Wall	2,0 - 4,0	0,17	29-07-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
2,5	375 mm	25.00	400 mm	4.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000042	2	124A50D-FDL-ST-DD- 297	1	DSTABB004	X	1,220.0	25.00	0-1		A	CB-OS

REPORT NUMBER & WELD TRACEABILITY

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controllo CONFORME				

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

Operatore: Partisani Riccardo

14 AGO. 2025

MOD-QCI-33 2019-00

ELECTRONIC DOCUMENT: ONCE PRINTED IT IS NOT CONTROLLED AND MAY BECOME OUTDATED

ATTACHMENT 5

Report Ultrasonic Test with indication

ROSETTI MARINO Group of Companies

TEST REPORT - NDT ACTIVITIES
RAPPORTO DI ESAME CON ULTRASUONI
ULTRASONIC TEST REPORT

DATA DELL'ESAME / Examination Date: 16-06-2025
FOGLIO / Sheet n° 1 of 2

COMMESSA / JOB	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
124A50D	DOUGLAS DECK	LIVERPOOL BAY CCS LIMITED		ST Structure

CODICE PROCEDURA / Procedure code	CODICE SPECIFICA / Standard Code	ISTRUZIONE DI LAVORO UT / UT Work instruction
105600CBPC03205 Rev. 02	08833.ENG.MME.SDS Rev.7	IDL-QCI-UT - 0224 Rev. 03

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	FASE DEL CONTROLLO / Exam. Phase	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
08833.ENG.MME.SDS Rev.7	FIN Weld Completion	105600CBQB03004 Rev. 02	9.8

OGGETTO / Object	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
☐ MAT. BASE Parent mat. ☒ SALDATURA Weld metal	EN 10025 S355 K2 EN 10025 S355 ML0	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICABILE Not Applicable

STATO SUPERFICIALE / Surface condition

☒ SALDATO As Welded ☒ SPAZZOLATO As brushed ☐ LAVORATO A MACCHINA As Machined ☐ CLADDATO As cladded ☐ MOLATO As Grounded
☐ LAMINATO As rolled ☐ GREZZO As forged ☐ SABBIATO As Sand Blasted ☐ VERNICIATO As painted ☐ ALTRO Other

APPARECCHIATURA Equipment	TIPO Type	NUMERO DI SERIE Serial number	LIQUIDO D'ACCOPPIAMENTO Couplant medium	SMORZAMENTO Damping	SOGLIA Reject
KRAUTKRAMER	KKUSM36	19027618	Water Metilcellulose	/	/

BLOCCO DI CALIBRAZIONE Calibration block	CONTROLLO MATERIALE BASE Parent material inspection	BLOCCO DI RIFERIMENTO Reference block	SENSIBILITÀ DI TARATURA Calibration sensitivity	TECNICA DI CONTROLLO Examination technique	TARATURA SCALA Time base calibration
B 34	100% Acceptable	I.I.W.-V1-V2	SDH 1,6mm	Reflection	ON DISTANCE

COSTRUTTORE SONDA Probe manufacturer	NUMERO DI SERIE Serial number	FREQUENZA Frequency (MHz)	DIMENSIONE Size (mm)	ANGOLO Beams Angle NOMINALE Nominal (°)	ANGOLO Beams Angle EFFETTIVO Actual (°)	EMISS. FASCIO Probe index (mm)	GUADAGNO Gain setting (dB)	SENSIBILITÀ SCANSIONE Scan sensitivity (dB)	PERDITA DI TRASFERIMENTO Transfer correction (dB)	ONDE Wave
GE (MAT BASE)	73147	4	3,5x10	0°	0°	/	37.00	/	/	LONG
GE (Weld ex)	73147	4	3,5x10	0°	0°	/	39.00	+6	/	LONG
KK	54483	2	14x14	45°	45°	11	38.90	+6	+4	SHEAR
KK	54536	2	14x14	60°	55°	12	40.10	+6	+4	SHEAR
KK	54844	2	14x14	70°	68°	12	40.30	+6	+4	SHEAR

LO STATO FISICO E L'ASPETTO ESTERNO DELL'APPARECCHIATURA COMBINATA E' STATO VERIFICATO PRIMA DELL'UTILIZZO E RISULTA CONFORME AI REQUISITI APPLICABILI
The combined equipment physical state and external aspect has been checked before using and it complies with the applicable requirements

OGGETTO CONTROLLATO / Tested object

RAPPORTO Report Nr.	SALDATURA Weld number	DISEGNO / FOGLIO Drawing Nr / Sheet	MARCA Mark	DIMENSIONE PEZZO Item Dimension	Sp. Thk (mm)	WPS	TECNICA DI SALDATURA Welding Process	LUNGHEZZA CONTROLLO Inspected length	ESITO Result
000174	1	124A50D-FDL-ST-DD- 2 / 1	DCNP020	2.121,000 MM	40,00	2M	MCAW	4.400 Mt	R

REPORTS NUMBER & WELD TRACEABILITY

RESULT REPAIR

NOTE / Remarks: Piece temperature: from 16°C.
The effective angle is related to the deviation of propagation direction of sound path due to TMCP material.

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITÀ Quality Control Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Rep.	ISPETTORE TERZA PARTE Third Part Inspector
NICOLA QUAGLIA CONTROLTECH SNC VT-PT-MT-RT-UT-TOFD/PA Lev. 2 UNI EN ISO 9712 VT-PT-MT-RT-UT-PAUT-TOFD-TKY-TC-1A CSWIP Welding Inspector	PISTOCCHI ANDREA LEVEL II UNI EN ISO 9712 VT-PT-MT-RT-UT PAUT TOFD			

MOD-QCI-34 Rev. 2020-00

Continued on the second page with the detail of the indication

Indication report

ROSETTI MARINO	CERTIFICATO D'ESAME CON ULTRASUONI - ULTRASONIC TEST CERTIFICATE	N° 000174	Pag 2 di 2
		Data/date: 16/06/25	Rev. 0
Progetto / Project	*DOUGLAS DECK*	Commessa / Job	124A50D
Cliente / Client	*LIVERPOOL BAY CCS LIMITED*	Disegno / Dwg.	2

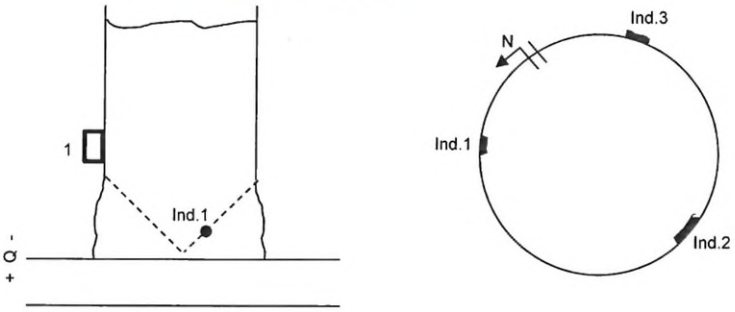
SCHIZZO - Sketch

Scanning Position

1 ☒ 60°
2 ☐
3 ☐
4 ☐
5 ☐
6 ☐
7 ☐

2/DCNP020/ W1 — WELD REFERENCE

CERTIFICATE REFERENCE



LOCALIZZAZIONE DIFETTI – DEFECTS LOCATION			
q	= DISTANZA DIFETTO – ASSE SALDATURA Flaw – Weld axis distance	Δ h	= ALTEZZA DELL'INDICAZIONE Flaw height
H	= AMPIEZZA DEL PICCO (o valore "A" AWS) Pitch amplitude /(or indication level "A" AWS)	Δ d	= DISTANZA TRA DUE INDICAZIONI COMPLANARI Distance between two coplanar flaws
(N)	= PUNTO DI RIFERIMENTO Reference point	EF	= DIFETTO EQUIVALENTE Equivalent flaw
L	= DISTANZA INDICAZIONE DA (N) Flaw distance from (N)	Δ l	= LUNGHEZZA INDICAZIONE Flaw length
A/R	= ACCETTABILE / RIPARARE Acceptable / Repair	P	= PROFONDITA' INDICAZIONE Flaw depth
P.us	= PERCORSO ULTRASONORO Ultrasonic path	D	= DISTANZA ASSE SONDA – ASSE SALDATURA Sound beam – weld axis distance

Ind. Nr	H	EF	Δ l	P	Δ h	q	D	Δ D	L	N	P.us	POS	A/R	Angle Probe	TYPE OF INDICATION
1	+6 dB	/	30	28	/	-15	/	/	140	N	150	1	R	55°	PLANAR
2	+7 dB	/	290	25	/	-15	/	/	1920	N	150	1	R	55°	PLANAR
3	+6 dB	/	100	20	/	-15	/	/	3700	N	150	1	R	55°	PLANAR

Note:

OPERATORE Operator	CONTROLLO QUALITA' Quality Control	ISPETTORE CLIENTE Company Representative	ISPETTORE TERZA PARTE Third Party Inspector
NICOLA QUAGLIA QUAGLIA CONTROL SNC VT-PT-MT-RT-UT-TOFD/PA Lev. 2 UNI EN ISO 9712 VT-PT-MT-UT Lev 2 SNT TC-1A CSWIP Welding Inspector	PISTOCCHI ANDREA LEVEL III ISO 9712 VT-PT-MT-RT-UT PAUT-TOFD		

MOD-QCI-34 2020-00

3 WELDING REGISTER – RT

This document undergoes an issuance cycle within EDMS Fusionlive". Its distribution is electronically controlled. Once printed shall be considered as "NOT CONTROLLED" copy

Welding Register

Job	123A90	BASE LOAD POWER HUB (BLPH)			
From Discipline	PP	Piping			
To Discipline	PP	Piping			
Drawings		**From**	0	**To**	0
Sheet		**From**	0	**To**	0
Marks		**From**		**To**	
Location		**From**		**To**	
Material		**From**		**To**	
Welds Execution		**From**		**To**	
Welds Acceptance		**From**		**To**	
Report Date		**From**		**To**	
Prefabrication	All				
Welding Status	All				
Subcontractor					
Subassembly		**From**		**To**	
ITEM					
ADDITIONAL PARAMETERS	**LINE**	**From**		**To**	
	SPOOL	**From**		**To**	
		From		**To**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/1/1/_		**01**	**20-11-2024**	**39**	**AX410**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**04-12-2024**	
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	001028	4	Acceptable				04-12-2024				
7/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/1/1/_		**01**	**21-11-2024**	**40**	**AX410**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**04-12-2024**	
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	001029	4	Acceptable				04-12-2024				
11/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH) Order Number CW-I-WP4-2023-05

Client CRWIND CROSSWIND

Discipline PP Piping ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
12/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
16/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
17/1/1/_		**01**	**21-11-2024**	**40**	**AX410**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**21-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
18/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
19/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
20/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
21/1/1/_		**01**	**18-09-2024**	**16-31-32**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-01-2025**	**E**
					AX84	**After Cutting**												
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
22/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
22/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**E**
23/1/1/_		**01**	**18-09-2024**	**16**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
1/1/1/FLOWCELL		**01**	**04-11-2024**	**66**	**AZ39**		**FWN**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-11-2024**	
	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000844	3	Acceptable					06-11-2024			
2/1/1/FLOWCELL		**01**	**04-11-2024**	**66**	**AZ39**		**FWN**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-11-2024**	
	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000845	3	Acceptable					06-11-2024			

Totals per DWG	**1**	**Prefabrication**	**3,72 m**	**22 Nr. Welds**	**40,00 inch**
		Erection	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**4,02 m**	**25 Nr. Welds**	**43,00 inch**
		Accepted	**4,02 m**	**25 Nr. Welds**	**43,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/2/1/_		**01**	**08-01-2025**	**124-156**	**AX 453**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-02-2025**	
					AX410 **After Cutting**													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001143	3	Acceptable				09-01-2025				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001206	3	Acceptable				07-02-2025				
2/2/1/_		**01**	**01-10-2024**	**25**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000251	3	Acceptable				07-10-2024				
3/2/1/_		**01**	**02-10-2024**	**26**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000252	3	Acceptable				07-10-2024				
4/2/1/_		**01**	**20-01-2025**	**149**	**AX84**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001189	3	Acceptable				21-01-2025				
5/2/1/_		**01**	**02-10-2024**	**26**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000294	3	Acceptable				10-10-2024				
6/2/1/_		**01**	**02-10-2024**	**26**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000295	3	Acceptable				10-10-2024				
7/2/1/_		**01**	**01-10-2024**	**25**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000293	3	Acceptable				10-10-2024				
8/2/1/_		**01**	**21-01-2025**	**151-152**	**AX84**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**24-01-2025**	
					AX410 **After Cutting**													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001191	3	Repair			0,020 m	22-01-2025				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001193	3	Acceptable				24-01-2025				
9/2/1/_		**01**	**02-10-2024**	**26**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000255	3	Acceptable				07-10-2024				
10/2/1/_		**01**	**02-10-2024**	**26**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000256	3	Acceptable				07-10-2024				
11/2/1/_		**01**	**01-10-2024**	**25**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
11/2/1/_		**01**	**01-10-2024**	**25**	**AZ35**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000253	3	Acceptable				07-10-2024				
12/2/1/_		**01**	**01-10-2024**	**25**	**AZ35**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000254	3	Acceptable				07-10-2024				
26/2/1/_		**01**	**08-01-2025**	**123**	**AX 453**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001136	3	Acceptable				09-01-2025				
13/2/2/_		**01**	**19-12-2024**	**98-122-156**	**AX84** **AX 453** **AX410**	**After Cutting** **After Cutting**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-02-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001086	3	Acceptable				23-12-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001135	3	Acceptable				09-01-2025				
		RT	C2 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001207	3	Acceptable				07-02-2025				
14/2/2/_		**01**	**02-10-2024**	**26**	**AZ35**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000303	3	Acceptable				11-10-2024				
15/2/2/_		**01**	**01-10-2024**	**25**	**AZ35**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000301	3	Acceptable				11-10-2024				
16/2/2/_		**01**	**01-10-2024**	**25**	**AZ35**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000302	3	Acceptable				11-10-2024				
17/2/2/_		**01**	**04-10-2024**	**29**	**AZ35**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000304	3	Acceptable				11-10-2024				
18/2/2/_		**01**	**18-12-2024**	**97**	**AX84**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001087	3	Acceptable				23-12-2024				
19/2/2/_		**01**	**01-10-2024**	**25**	**AZ35**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000257	3	Acceptable				07-10-2024				
20/2/2/_		**01**	**01-10-2024**	**25**	**AZ35**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
20/2/2/_		**01**	**01-10-2024**	**25**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000258	3	Acceptable				07-10-2024				
21/2/2/_		**01**	**02-10-2024**	**26**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000249	3	Acceptable				07-10-2024				
22/2/2/_		**01**	**02-10-2024**	**26**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000250	3	Acceptable				07-10-2024				
23/2/2/_		**01**	**01-10-2024**	**25**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000259	3	Acceptable				07-10-2024				
25/2/2/_		**01**	**04-10-2024**	**30**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000305	3	Acceptable				11-10-2024				

Totals per DWG	**2**	**Prefabrication**	**3,61 m**	**19 Nr. Welds**	**38,00 inch**
		Erection	**1,14 m**	**6 Nr. Welds**	**12,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**4,75 m**	**25 Nr. Welds**	**50,00 inch**
		Accepted	**4,75 m**	**25 Nr. Welds**	**50,00 inch**
		Repaired	**0,02 m**	**1 Nr. Welds**	**2,00 inch**

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/3/1/_		**02**	**25-09-2024**	**15**	**AZ53**		**FWN**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/3/1/_		**02**	**25-09-2024**	**15**	**AZ53**		**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/3/1/_		**02**	**25-09-2024**	**15**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/3/1/_		**02**	**17-12-2024**	**95**	**AX416**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/3/1/_		**02**	**26-09-2024**	**17**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/3/1/_		**02**	**07-10-2024**	**24**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**08-10-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/3/1/_		**02**	**25-11-2024**	**47**	**AX416**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-10-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Conn / NOTE	Accept. Date	Spool
13/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-10-2024**	**D**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000101	4	Acceptable					03-10-2024			
14/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
15/3/1/_		**02**	**27-09-2024**	**19**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/3/1/_		**02**	**05-11-2024**	**24**	**AX416**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-12-2024**	
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	001033	4	Acceptable					04-12-2024			
33/3/1/_		**02**	**26-09-2024**	**17**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
34/3/1/_		**02**	**26-09-2024**	**2**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
17/3/2/_		**00**	**08-10-2024**	**25**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-10-2024**	**E**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
18/3/2/_		**00**	**26-09-2024**	**17**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
19/3/2/_		**00**	**23-09-2024**	**13**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
20/3/2/_		**00**	**23-09-2024**	**13**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
21/3/2/_		**00**	**05-11-2024**	**24**	**AX416**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**06-11-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
22/3/2/_		**00**	**27-09-2024**	**19**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
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Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
22/3/2/_		**00**	**27-09-2024**	**19**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
23/3/2/_		**00**	**25-09-2024**	**15**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
24/3/2/_		**00**	**29-10-2024**	**19-36**	**AX416**	**Welding + Repair done**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-12-2024**	
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	001006	4	Cut				15-11-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	10 %	001034	4	Acceptable				04-12-2024				
25/3/2/_		**00**	**25-09-2024**	**15**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
26/3/2/_		**00**	**17-09-2024**	**9**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
27/3/2/_		**00**	**17-09-2024**	**9**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
28/3/2/_		**00**	**25-09-2024**	**15**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
29/3/2/_		**00**	**23-09-2024**	**13**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
30/3/2/_		**00**	**30-10-2024**	**18**	**AX416**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**01-11-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
31/3/2/_		**00**	**08-10-2024**	**25**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-10-2024**	**H**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
32/3/2/_		**00**	**17-12-2024**	**95**	**AX410**			**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-12-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number	Rev.	Prod. Date	Prod. Sheet	Welders	Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase	Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE		
32/3/2/_		**00**	**17-12-2024**	**95**	**AX410**	**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-12-2024**

Totals per DWG	**3**	**Prefabrication**	**2,48 m**	**25 Nr. Welds**	**24,75 inch**
		Erection	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,28 m**	**33 Nr. Welds**	**32,75 inch**
		Accepted	**3,28 m**	**33 Nr. Welds**	**32,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**FWN**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/4/1/_		**00**	**25-09-2024**	**15-31-32**	**AZ53**		**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-01-2025**	**A**
					AX84	**After Cutting**												
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00 AA	10 %	000102	4	Acceptable				03-10-2024				
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
4/4/1/_		**00**	**24-09-2024**	**14-31-32**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-01-2025**	**A**
					AX84	**After Cutting**												
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
5/4/1/_		**00**	**25-09-2024**	**15**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/4/1/_		**00**	**08-10-2024**	**25**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-10-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/4/1/_		**00**	**09-12-2024**	**72**	**AX416**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/4/1/_		**00**	**26-09-2024**	**17**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
12/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/4/1/_		**00**	**09-12-2024**	**72**	**AX416**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/4/1/_		**00**	**27-09-2024**	**19**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/4/1/_		**00**	**26-09-2024**	**17**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
16/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
17/4/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
18/4/1/_		**00**	**25-09-2024**	**15**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**4**	**Prefabrication**	**1,59 m**	**15 Nr. Welds**	**16,00 inch**
		Erection	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,79 m**	**17 Nr. Welds**	**18,00 inch**
		Accepted	**1,79 m**	**17 Nr. Welds**	**18,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/5/1/_		**01**	**16-01-2025**	**143-156**	**AX 453**	**Welding + Repair done**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-02-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001188	4	Acceptable					21-01-2025			
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001204	4	Acceptable					07-02-2025			
2/5/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000334	4	Acceptable					14-10-2024			
3/5/1/_		**01**	**11-10-2024**	**40**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000510	4	Acceptable					22-10-2024			
4/5/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000337	4	Acceptable					14-10-2024			
5/5/1/_		**01**	**11-10-2024**	**40**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000509	4	Acceptable					22-10-2024			
6/5/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000336	4	Acceptable					14-10-2024			
7/5/1/_		**01**	**30-12-2024**	**111**	**AX416**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001110	4	Acceptable					02-01-2025			
8/5/1/_		**01**	**03-10-2024**	**27-111-156**	**AZ53**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-02-2025**	
					AX416	**After Cutting**													
					AX 453	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000241	4	Acceptable					07-10-2024			
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001115	4	Repeat					03-01-2025			
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	PR	100 %	001128	2	Acceptable					08-01-2025			
		RT	C 2 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001205	4	Acceptable					07-02-2025			
9/5/1/_		**01**	**11-10-2024**	**40**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000511	4	Acceptable					22-10-2024			
10/5/1/_		**01**	**11-10-2024**	**40**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000589	4	Acceptable					22-10-2024			

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
10/5/1/_		**01**	**11-10-2024**	**40**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**B**
11/5/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000335	4	Acceptable				14-10-2024				
12/5/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000333	4	Acceptable				14-10-2024				
13/5/1/_		**01**	**02-12-2024**	**60**	**AX416**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001054	4	Acceptable				12-12-2024				
14/5/1/_		**01**	**09-10-2024**	**35**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000397	4	Acceptable				16-10-2024				
15/5/1/_		**01**	**03-10-2024**	**27**	**AZ53**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000398	4	Acceptable				16-10-2024				
16/5/1/_		**01**	**03-10-2024**	**27**	**AZ53**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000242	4	Acceptable				07-10-2024				
17/5/1/_		**01**	**09-10-2024**	**35**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000399	4	Acceptable				16-10-2024				
18/5/1/_		**01**	**03-10-2024**	**27**	**AZ53**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000400	4	Acceptable				16-10-2024				
19/5/1/_		**01**	**09-10-2024**	**35**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000401	4	Acceptable				16-10-2024				
20/5/1/_		**01**	**03-10-2024**	**27**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000243	4	Acceptable				07-10-2024				
66/5/1/_		**01**	**30-12-2024**	**111**	**AX416**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001111	4	Acceptable				02-01-2025				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
66/5/1/_		**01**	**30-12-2024**	**111**	**AX416**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-01-2025**	
21/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000244	4	Acceptable					07-10-2024			
22/5/2/_		**01**	**11-10-2024**	**40**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000512	4	Acceptable					22-10-2024			
23/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000360	4	Acceptable					15-10-2024			
24/5/2/_		**01**	**11-10-2024**	**40**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000513	4	Acceptable					22-10-2024			
25/5/2/_		**01**	**11-10-2024**	**40**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000514	4	Acceptable					22-10-2024			
26/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000361	4	Acceptable					15-10-2024			
27/5/2/_		**01**	**14-10-2024**	**41**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000517	4	Acceptable					22-10-2024			
28/5/2/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000364	4	Repeat					15-10-2024			
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	AA	100 %	000516	4	Acceptable					22-10-2024			
29/5/2/_		**01**	**30-11-2024**	**58**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**06-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001035	4	Acceptable					06-12-2024			
30/5/2/_		**01**	**04-10-2024**	**29**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000365	4	Acceptable					15-10-2024			
31/5/2/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Conn / NOTE	Accept. Date	Spool
31/5/2/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000366	4	Acceptable				15-10-2024				
32/5/2/_		**01**	**11-10-2024**	**40**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000515	4	Acceptable				22-10-2024				
33/5/2/_		**01**	**29-11-2024**	**59**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001036	4	Repeat				06-12-2024				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	AA	100 %	001055	1	Acceptable				12-12-2024				
34/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000245	4	Acceptable				07-10-2024				
35/5/2/_		**01**	**11-10-2024**	**40**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000383	4	Acceptable				16-10-2024				
36/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000237	4	Acceptable				07-10-2024				
37/5/2/_		**01**	**15-11-2024**	**32**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**25-11-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001018	4	Acceptable				25-11-2024				
52/5/2/_		**01**	**11-10-2024**	**40**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000384	4	Acceptable				16-10-2024				
53/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000238	4	Acceptable				07-10-2024				
54/5/2/_		**01**	**30-11-2024**	**58**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**06-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001037	4	Acceptable				06-12-2024				
55/5/2/_		**01**	**16-10-2024**	**45**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000476	4	Acceptable				21-10-2024				
56/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
56/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000367	4	Acceptable				15-10-2024				
57/5/2/_		**01**	**02-12-2024**	**60**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001056	4	Acceptable				12-12-2024				
58/5/2/_		**01**	**16-10-2024**	**45**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000477	4	Acceptable				21-10-2024				
59/5/2/_		**01**	**03-10-2024**	**27**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000368	4	Acceptable				15-10-2024				
60/5/2/_		**01**	**16-01-2025**	**141**	**AX 453**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001167	4	Acceptable				17-01-2025				
61/5/2/_		**01**	**04-10-2024**	**29**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000369	4	Acceptable				15-10-2024				
62/5/2/_		**01**	**07-10-2024**	**31**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000370	4	Acceptable				15-10-2024				
63/5/2/_		**01**	**04-10-2024**	**29**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000362	4	Acceptable				15-10-2024				

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
38/5/3/_		**01**	**04-10-2024**	**29**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**G**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000332	4	Acceptable				14-10-2024				
39/5/3/_		**01**	**04-10-2024**	**29**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**G**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000331	4	Acceptable				14-10-2024				
40/5/3/_		**01**	**11-10-2024**	**40-8**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-12-2024**	**G**
					AX416 After Cutting													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000518	4	Acceptable				22-10-2024				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001038	4	Acceptable				06-12-2024				
41/5/3/_		**01**	**15-11-2024**	**32**	**AX416**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**25-11-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001019	4	Acceptable				25-11-2024				
42/5/3/_		**01**	**03-10-2024**	**27**	**AZ53**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000350	4	Acceptable				14-10-2024				
43/5/3/_		**01**	**03-10-2024**	**27**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000239	4	Acceptable				07-10-2024				
44/5/3/_		**01**	**03-12-2024**	**62**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**06-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001039	4	Acceptable				06-12-2024				
45/5/3/_		**01**	**16-10-2024**	**45**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000478	4	Acceptable				21-10-2024				
46/5/3/_		**01**	**03-10-2024**	**27**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000373	4	Acceptable				15-10-2024				
47/5/3/_		**01**	**16-01-2025**	**140**	**AX 453**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-01-2025**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001168	4	Acceptable				17-01-2025				
48/5/3/_		**01**	**16-10-2024**	**45**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000479	4	Acceptable				21-10-2024				

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
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Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
48/5/3/_		**01**	**16-10-2024**	**45**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**H**
49/5/3/_		**01**	**03-10-2024**	**27**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000240	4	Acceptable					07-10-2024			
50/5/3/_		**01**	**02-12-2024**	**61**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**06-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001040	4	Acceptable					06-12-2024			
51/5/3/_		**01**	**07-10-2024**	**31**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000371	4	Acceptable					15-10-2024			
64/5/3/_		**01**	**07-10-2024**	**31**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000372	4	Acceptable					15-10-2024			
65/5/3/_		**01**	**04-10-2024**	**29**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**H**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000363	4	Acceptable					15-10-2024			

Totals per DWG	**5**	**Prefabrication**	**5,02 m**	**51 Nr. Welds**	**50,00 inch**
		Erection	**1,50 m**	**15 Nr. Welds**	**15,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**6,52 m**	**66 Nr. Welds**	**65,00 inch**
		Accepted	**6,52 m**	**66 Nr. Welds**	**65,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/6/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000128	3	Acceptable				04-10-2024				
2/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000129	3	Acceptable				04-10-2024				
3/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000130	3	Acceptable				04-10-2024				
4/6/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000132	3	Acceptable				04-10-2024				
5/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000131	3	Acceptable				04-10-2024				
6/6/1/_		**01**	**04-01-2025**	**116**	**AX 453**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**08-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001129	3	Acceptable				08-01-2025				
7/6/1/_		**01**	**02-10-2024**	**27**	**AZ35**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000133	3	Acceptable				04-10-2024				
8/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**FWN**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000223	3	Acceptable				05-10-2024				
9/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000224	3	Acceptable				05-10-2024				
11/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000225	3	Acceptable				05-10-2024				
12/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000176	3	Acceptable				06-10-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
12/6/1/_		**01**	**01-10-2024**	**25**	**AZ39**		**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**C**

Totals per DWG	**6**	**Prefabrication**	**5,13 m**	**10 Nr. Welds**	**58,00 inch**
		Erection	**0,53 m**	**1 Nr. Welds**	**6,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**5,66 m**	**11 Nr. Welds**	**64,00 inch**
		Accepted	**5,66 m**	**11 Nr. Welds**	**64,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/7/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/7/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %											
4/7/1/_		**00**	**08-10-2024**	**25**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-10-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/7/1/_		**00**	**10-01-2025**	**129**	**AX 453**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**10-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/7/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/7/1/_		**00**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-10-2024**	**B**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000107	4	Acceptable				03-10-2024				
8/7/1/_		**00**	**27-09-2024**	**19**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/7/1/_		**00**	**27-09-2024**	**19**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/7/1/_		**00**	**09-01-2025**	**126**	**AX 453**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/7/1/_		**00**	**25-09-2024**	**15**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**7**	**Prefabrication**	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Erection	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,00 m**	**10 Nr. Welds**	**10,00 inch**
		Accepted	**1,00 m**	**10 Nr. Welds**	**10,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/8/1/_		**00A**	**18-09-2024**	**16-20**	**AZ35**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-12-2024**	**A**
					AX84	**After Cutting**													
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000080	4	Acceptable				26-09-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001081	4	Acceptable				19-12-2024				
2/8/1/_		**00A**	**03-10-2024**	**27**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000236	4	Acceptable				07-10-2024				
3/8/1/_		**00A**	**17-12-2024**	**98**	**AX84**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**19-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001083	4	Acceptable				19-12-2024				
4/8/1/_		**00A**	**02-10-2024**	**26-21**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**20-12-2024**	**B**
					AX84	**After Cutting**													
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000288	4	Acceptable				10-10-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001080	4	Acceptable				19-12-2024				
5/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000289	4	Acceptable				10-10-2024				
6/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000290	4	Acceptable				10-10-2024				
7/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000291	4	Acceptable				10-10-2024				
8/8/1/_		**00A**	**16-12-2024**	**96**	**AX84**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001079	4	Acceptable				18-12-2024				
9/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000231	4	Acceptable				07-10-2024				
10/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000232	4	Acceptable				07-10-2024				
11/8/1/_		**00A**	**05-12-2024**	**66**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-12-2024**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
11/8/1/_		**00A**	**05-12-2024**	**66**	**AX416**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-12-2024**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001057	4	Acceptable				12-12-2024				
12/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000233	4	Acceptable				07-10-2024				
13/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000234	4	Acceptable				07-10-2024				
14/8/1/_		**00A**	**02-10-2024**	**26**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000235	4	Acceptable				07-10-2024				
15/8/1/_		**00A**	**21-12-2024**	**101**	**AX416**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-12-2024**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001085	4	Acceptable				23-12-2024				
16/8/1/_		**00A**	**17-12-2024**	**99**	**AX84**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**19-12-2024**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001082	4	Acceptable				19-12-2024				

Totals per DWG	**8**				
Prefabrication	**1,10 m**	**11 Nr. Welds**	**11,00 inch**		
Erection	**0,50 m**	**5 Nr. Welds**	**5,00 inch**		
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**		
Performed	**1,60 m**	**16 Nr. Welds**	**16,00 inch**		
Accepted	**1,60 m**	**16 Nr. Welds**	**16,00 inch**		
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**		

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/9/1/_		**02**	**04-11-2024**	**62**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000821	4	Acceptable				06-11-2024				
2/9/1/_		**02**	**24-10-2024**	**53**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000822	4	Acceptable				06-11-2024				
3/9/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000738	4	Acceptable				02-11-2024				
4/9/1/_		**02**	**28-10-2024**	**56-69**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**B**
					AZ36	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000739	4	Cut				02-11-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	000890	4	Acceptable				10-11-2024				
5/9/1/_		**02**	**25-10-2024**	**54**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000701	4	Acceptable				30-10-2024				
6/9/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000779	4	Acceptable				03-11-2024				
7/9/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000702	4	Acceptable				30-10-2024				
8/9/1/_		**02**	**28-10-2024**	**56-78**	**AZ39**	**Welding + Repair done**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000703	4	Cut				30-10-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001000	4	Acceptable				15-11-2024				
9/9/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000888	4	Acceptable				10-11-2024				
10/9/1/_		**02**	**24-10-2024**	**53-61-78**	**AZ39**	**Welding + Repair done**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000641	4	Cut				29-10-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	000976	4	Cut				10-11-2024				
		RT	C2 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	000996	4	Acceptable				15-11-2024				
11/9/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE			
11/9/1/_		**02**	**30-10-2024**	**59**	**AZ36**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000887	4	Acceptable				10-11-2024				
13/9/1/_		**02**	**30-10-2024**	**59**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000893	4	Acceptable				10-11-2024				
14/9/1/_		**02**	**24-10-2024**	**53**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000644	4	Acceptable				29-10-2024				

Totals per DWG	**9**	**Prefabrication**	**1,26 m**	**13 Nr. Welds**	**12,50 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,26 m**	**13 Nr. Welds**	**12,50 inch**
		Accepted	**1,26 m**	**13 Nr. Welds**	**12,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/10/1/_		**02**	**04-11-2024**	**62**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000824	4	Acceptable				06-11-2024				
2/10/1/_		**02**	**24-10-2024**	**53**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000823	4	Acceptable				06-11-2024				
3/10/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000740	4	Acceptable				02-11-2024				
4/10/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000741	4	Acceptable				02-11-2024				
5/10/1/_		**02**	**25-10-2024**	**54**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000704	4	Acceptable				30-10-2024				
6/10/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000780	4	Acceptable				03-11-2024				
7/10/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000705	4	Acceptable				30-10-2024				
8/10/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000706	4	Acceptable				30-10-2024				
9/10/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000825	4	Acceptable				06-11-2024				
10/10/1/_		**02**	**24-10-2024**	**53**	**AZ39**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000637	4	Acceptable				29-10-2024				
11/10/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000781	4	Acceptable				03-11-2024				
13/10/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
13/10/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000782	4	Acceptable					03-11-2024			
14/10/1/_		**02**	**24-10-2024**	**53**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000643	4	Acceptable					29-10-2024			

Totals per DWG	**10**	**Prefabrication**	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Accepted	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/11/1/_		**02**	**04-11-2024**	**62**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000949	4	Acceptable				11-11-2024				
2/11/1/_		**02**	**24-10-2024**	**53**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000826	4	Acceptable				06-11-2024				
3/11/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000742	4	Acceptable				02-11-2024				
4/11/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000743	4	Acceptable				02-11-2024				
5/11/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000785	4	Acceptable				03-11-2024				
6/11/1/_		**02**	**04-11-2024**	**67**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000829	4	Acceptable				06-11-2024				
7/11/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000783	4	Acceptable				03-11-2024				
8/11/1/_		**02**	**28-10-2024**	**56**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000784	4	Acceptable				03-11-2024				
9/11/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000828	4	Acceptable				06-11-2024				
10/11/1/_		**02**	**24-10-2024**	**53**	**AZ39**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000802	4	Acceptable				03-11-2024				
11/11/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000786	4	Acceptable				03-11-2024				
13/11/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
13/11/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000787	4	Acceptable				03-11-2024				
14/11/1/_		**02**	**24-10-2024**	**53**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000827	4	Acceptable				06-11-2024				

Totals per DWG	**11**				
Prefabrication	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
Accepted	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/12/1/_		**02**	**04-11-2024**	**67**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000830	4	Acceptable				06-11-2024				
2/12/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000707	4	Acceptable				30-10-2024				
3/12/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000708	4	Acceptable				30-10-2024				
4/12/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000847	4	Acceptable				09-11-2024				
5/12/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000848	4	Acceptable				09-11-2024				
6/12/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000709	4	Acceptable				30-10-2024				
7/12/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000806	4	Acceptable				04-11-2024				
8/12/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000710	4	Acceptable				30-10-2024				
9/12/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000711	4	Acceptable				30-10-2024				
10/12/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000951	4	Acceptable				11-11-2024				
11/12/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000712	4	Acceptable				30-10-2024				
12/12/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
12/12/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000819	4	Acceptable				04-11-2024				
14/12/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000807	4	Acceptable				04-11-2024				
15/12/1/_		**02**	**28-10-2024**	**56-68**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**C**
					AZ39 **After Cutting**													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000805	4	Cut				04-11-2024				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	000971	4	Acceptable				11-11-2024				

Totals per DWG	**12**	**Prefabrication**	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
		Accepted	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/13/1/_		**02**	**04-11-2024**	**62-30**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-01-2025**	**A**
					AX 453 After Cutting													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000950	4	Acceptable				11-11-2024				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	001169	4	Acceptable				17-01-2025				
2/13/1/_		**02**	**28-10-2024**	**56**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000713	4	Acceptable				30-10-2024				
3/13/1/_		**02**	**28-10-2024**	**56**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000714	4	Acceptable				30-10-2024				
4/13/1/_		**02**	**30-10-2024**	**59**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000849	4	Acceptable				09-11-2024				
5/13/1/_		**02**	**30-10-2024**	**59**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000850	4	Acceptable				09-11-2024				
6/13/1/_		**02**	**28-10-2024**	**56**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000788	4	Acceptable				03-11-2024				
7/13/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000791	4	Acceptable				03-11-2024				
8/13/1/_		**02**	**28-10-2024**	**56**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000789	4	Acceptable				03-11-2024				
9/13/1/_		**02**	**28-10-2024**	**56**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000790	4	Acceptable				03-11-2024				
10/13/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000831	4	Acceptable				06-11-2024				
11/13/1/_		**02**	**04-11-2024**	**67**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000846	4	Acceptable				06-11-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M	Material / Techn. Weld.	WPS / Defect length	Techn. Weld. / CND date	Type Conn / NOTE	Accept. Date	Spool
11/13/1/_		**02**	**04-11-2024**	**67**	**AZ39**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**C**
12/13/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000792	4	Acceptable					03-11-2024			
14/13/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000793	4	Acceptable					03-11-2024			
15/13/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000808	4	Acceptable					04-11-2024			

Totals per DWG	**13**	**Prefabrication**	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
		Accepted	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000794	4	Acceptable				03-11-2024				
2/14/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000899	4	Acceptable				10-11-2024				
3/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000795	4	Acceptable				03-11-2024				
4/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000851	4	Acceptable				09-11-2024				
5/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000852	4	Acceptable				09-11-2024				
6/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000809	4	Acceptable				04-11-2024				
7/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000796	4	Acceptable				03-11-2024				
8/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000797	4	Acceptable				03-11-2024				
9/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000798	4	Acceptable				03-11-2024				
10/14/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000981	4	Acceptable				13-11-2024				
11/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000804	4	Acceptable				04-11-2024				
12/14/1/_		**02**	**29-10-2024**	**58-68-78**	**AZ39** **AZ36**	**Welding + Repair done After Cutting**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
12/14/1/_		**02**	**29-10-2024**	**58-68-78**	**AZ39** **Welding + Repair done**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**C**
					AZ36 **After Cutting**													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000818	4	Cut				04-11-2024				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	000974	4	Cut				11-11-2024				
		RT	C 2 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	000998	4	Acceptable				15-11-2024				
14/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000810	4	Acceptable				04-11-2024				
15/14/1/_		**02**	**29-10-2024**	**58**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000811	4	Repeat				04-11-2024				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	PR	100 %	000980	2	Acceptable				13-11-2024				

Totals per DWG	**14**			
Prefabrication	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
Accepted	**1,38 m**	**14 Nr. Welds**	**13,75 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn / Accept. Date	Spool
1/15/1/_		**00**	**18-09-2024**	**16**	**AZ35**		**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000096	3	Acceptable				26-09-2024				
2/15/1/_		**00**	**06-01-2025**	**118**	**AX 453**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**08-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001131	3	Acceptable				08-01-2025				
3/15/1/_		**00**	**18-09-2024**	**16**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000097	3	Acceptable				26-09-2024				
4/15/1/_		**00**	**03-10-2024**	**27**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000248	3	Acceptable				07-10-2024				
5/15/1/_		**00**	**18-09-2024**	**16**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000098	3	Acceptable				26-09-2024				

Totals per DWG	**15**				
		Prefabrication	**0,76 m**	**4 Nr. Welds**	**8,00 inch**
		Erection	**0,19 m**	**1 Nr. Welds**	**2,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,95 m**	**5 Nr. Welds**	**10,00 inch**
		Accepted	**0,95 m**	**5 Nr. Welds**	**10,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/16/1/_		**01**	**08-10-2024**	**32**	**AZ36**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000523	3	Acceptable				22-10-2024				
2/16/1/_		**01**	**07-10-2024**	**31**	**AZ35**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000459	4	Acceptable				17-10-2024				
3/16/1/_		**01**	**08-10-2024**	**32**	**AZ36**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000462	3	Acceptable				17-10-2024				
4/16/1/_		**01**	**08-10-2024**	**32**	**AZ36**		**RED**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000467	3	Acceptable				17-10-2024				
5/16/1/_		**01**	**07-10-2024**	**31**	**AZ35**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000460	4	Acceptable				17-10-2024				
6/16/1/_		**01**	**09-10-2024**	**35**	**AZ36**		**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000464	3	Acceptable				17-10-2024				
7/16/1/_		**01**	**08-12-2024**	**74**	**AX416**		**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-12-2024**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001059	3	Repeat				11-12-2024				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	001060	1	Acceptable				12-12-2024				
8/16/1/_		**01**	**07-10-2024**	**31**	**AZ39**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000417	3	Acceptable				16-10-2024				
9/16/1/_		**01**	**10-10-2024**	**38**	**AZ36**		**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000418	3	Acceptable				16-10-2024				
10/16/1/_		**01**	**07-10-2024**	**31**	**AZ35**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000378	4	Acceptable				16-10-2024				
11/16/1/_		**01**	**10-10-2024**	**38**	**AZ36**		**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000419	3	Acceptable				16-10-2024				
12/16/1/_		**01**	**10-10-2024**	**38**	**AZ36**		**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/16/1/_		**01**	**10-10-2024**	**38**	**AZ36**			**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000457	3	Acceptable				16-10-2024				
13/16/1/_		**01**	**07-10-2024**	**31**	**AZ35**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000522	4	Acceptable				22-10-2024				
14/16/1/_		**01**	**10-10-2024**	**38**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000458	3	Acceptable				16-10-2024				
15/16/1/_		**01**	**08-10-2024**	**32**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000456	3	Acceptable				16-10-2024				
16/16/1/_		**01**	**07-10-2024**	**31**	**AZ39**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000463	3	Acceptable				17-10-2024				
17/16/1/_		**01**	**09-10-2024**	**35**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000465	3	Acceptable				17-10-2024				
18/16/1/_		**01**	**07-10-2024**	**31**	**AZ35**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000461	4	Acceptable				17-10-2024				
19/16/1/_		**01**	**09-10-2024**	**35**	**AZ36**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000466	3	Acceptable				17-10-2024				
20/16/1/_		**01**	**08-10-2024**	**32**	**AZ39**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000470	3	Acceptable				17-10-2024				
21/16/1/_		**01**	**16-01-2025**	**145**	**AX410**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001177	3	Acceptable				18-01-2025				
22/16/1/_		**01**	**10-10-2024**	**38**	**AZ36**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000469	3	Acceptable				17-10-2024				
23/16/1/_		**01**	**08-10-2024**	**32**	**AZ36**			**RED**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
23/16/1/_		**01**	**08-10-2024**	**32**	**AZ36**			**RED**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000468	3	Acceptable				17-10-2024				
24/16/2/_		**03**	**04-12-2024**	**64**	**AX416**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**11-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001049	3	Acceptable				11-12-2024				
25/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000341	3	Acceptable				14-10-2024				
26/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000340	3	Acceptable				14-10-2024				
27/16/2/_		**03**	**18-10-2024**	**46-51-9**	**AZ36** **AX416**	**Welding + Repair done After Cutting**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-12-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000499	3	Cut				21-10-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	000733	4	Acceptable				30-10-2024				
		RT	C2 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001053	3	Acceptable				11-12-2024				
28/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000338	3	Acceptable				14-10-2024				
29/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000339	3	Acceptable				14-10-2024				
30/16/2/_		**03**	**06-12-2024**	**69**	**AX416**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**11-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001050	3	Acceptable				11-12-2024				
31/16/2/_		**03**	**10-10-2024**	**38**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000409	3	Acceptable				16-10-2024				
32/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000379	4	Acceptable				16-10-2024				
33/16/2/_		**03**	**10-10-2024**	**38**	**AZ36**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000410	3	Acceptable				16-10-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
33/16/2/_		**03**	**10-10-2024**	**38**	**AZ36**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
34/16/2/_		**03**	**07-12-2024**	**70**	**AX416**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**11-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001051	3	Acceptable				11-12-2024				
35/16/2/_		**03**	**10-10-2024**	**38-33**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-02-2025**	**E**
					AX 453	**After Cutting**													
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000413	3	Acceptable				16-10-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001199	3	Acceptable				03-02-2025				
36/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000411	3	Acceptable				16-10-2024				
37/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000414	3	Acceptable				16-10-2024				
38/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000415	3	Acceptable				16-10-2024				
39/16/2/_		**03**	**06-12-2024**	**68**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**11-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001044	4	Acceptable				11-12-2024				
40/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000416	3	Acceptable				16-10-2024				
41/16/2/_		**03**	**08-10-2024**	**32**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000412	3	Acceptable				16-10-2024				
42/16/2/_		**03**	**08-11-2024**	**71**	**AZ39**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**13-11-2024**	**F**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000986	3	Acceptable				13-11-2024				
43/16/2/_		**03**	**12-11-2024**	**77**	**AZ39**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**F**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001003	3	Acceptable				15-11-2024				
44/16/2/_		**03**	**08-11-2024**	**71**	**AZ39**			**RED**	**1,25 in**	**2,77 mm**	**V**	**0,132 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**13-11-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
44/16/2/_		**03**	**08-11-2024**	**71**	**AZ39**		**RED**	**1,25 in**	**2,77 mm**	**V**	**0,132 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**13-11-2024**	**F**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000987	4	Acceptable					13-11-2024			
45/16/2/_		**03**	**01-02-2025**	**155**	**AX 453**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-02-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001200	3	Acceptable					03-02-2025			

Totals per DWG	**16**	**Prefabrication**	**6,64 m**	**38 Nr. Welds**	**69,25 inch**
		Erection	**1,41 m**	**7 Nr. Welds**	**15,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**8,05 m**	**45 Nr. Welds**	**84,25 inch**
		Accepted	**8,05 m**	**45 Nr. Welds**	**84,25 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/17/1/_		**01**	**09-10-2024**	**35**	**AZ35**		**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000448	3	Acceptable				16-10-2024				
2/17/1/_		**01**	**04-10-2024**	**29**	**AZ36**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000454	3	Acceptable				16-10-2024				
3/17/1/_		**01**	**04-10-2024**	**29**	**AZ36**		**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000393	4	Acceptable				16-10-2024				

Totals per DWG	**17**	**Prefabrication**	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Accepted	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/18/1/_		**01**	**30-09-2024**	**21**	**AZ52**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000175	3	Acceptable				06-10-2024				
2/18/1/_		**01**	**30-09-2024**	**21**	**AZ52**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000177	3	Acceptable				06-10-2024				
3/18/1/_		**01**	**30-09-2024**	**21**	**AZ52**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000178	3	Acceptable				06-10-2024				
4/18/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000179	3	Acceptable				06-10-2024				
5/18/1/_		**01**	**02-10-2024**	**27**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000134	3	Acceptable				04-10-2024				
6/18/1/_		**01**	**16-01-2025**	**139**	**AX410**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001174	3	Acceptable				17-01-2025				
7/18/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000135	3	Acceptable				04-10-2024				
8/18/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000136	3	Acceptable				04-10-2024				
9/18/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000120	3	Acceptable				04-10-2024				

Totals per DWG	**18**	**Prefabrication**	**2,71 m**	**8 Nr. Welds**	**30,00 inch**
		Erection	**0,36 m**	**1 Nr. Welds**	**4,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Accepted	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000952	4	Acceptable				11-11-2024				
3/19/1/_		**01**	**31-10-2024**	**60**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000953	4	Acceptable				11-11-2024				
4/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000954	4	Acceptable				11-11-2024				
5/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000853	4	Acceptable				09-11-2024				
6/19/1/_		**01**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000854	4	Acceptable				09-11-2024				
7/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000900	4	Acceptable				10-11-2024				
8/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000901	4	Acceptable				10-11-2024				
9/19/1/_		**01**	**31-10-2024**	**60**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000902	4	Acceptable				10-11-2024				
10/19/1/_		**01**	**28-12-2024**	**109**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001139	4	Acceptable				10-01-2025				
11/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000903	4	Acceptable				10-11-2024				
12/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000904	4	Acceptable				10-11-2024				
13/19/1/_		**01**	**31-10-2024**	**60**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
13/19/1/_		**01**	**31-10-2024**	**60**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000905	4	Acceptable				10-11-2024				
14/19/1/_		**01**	**29-10-2024**	**58**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000906	4	Acceptable				10-11-2024				
15/19/1/_		**01**	**28-10-2024**	**56**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000715	4	Acceptable				30-10-2024				

Totals per DWG	**19**			
Prefabrication	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
Accepted	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/20/1/_		**00**	**12-09-2024**	**8**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/20/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/20/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000060	4	Acceptable				18-09-2024				

Totals per DWG	**20**	**Prefabrication**	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Accepted	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/23/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/23/1/_		**00**	**25-09-2024**	**18**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/23/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/23/1/_		**00**	**23-09-2024**	**17-85**	**AZ39**			**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C1 DTA	After Cutting				10 %			Acceptable								
5/23/1/_		**00**	**26-09-2024**	**19-84**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**18-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000112	3	Acceptable					04-10-2024			
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	10 %	001075	3	Acceptable					18-12-2024			
6/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C1 DTA	After Cutting				10 %			Acceptable								
7/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C1 DTA	After Cutting				10 %			Acceptable								
8/23/1/_		**00**	**23-09-2024**	**17-85**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C1 DTA	After Cutting				10 %			Acceptable								
9/23/1/_		**00**	**26-09-2024**	**19-84**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
9/23/1/_		**00**	**26-09-2024**	**19-84**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
10/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
11/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
12/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**18-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000113	3	Acceptable					04-10-2024			
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	10 %	001074	3	Acceptable					18-12-2024			
13/23/1/_		**00**	**25-09-2024**	**18-85**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
14/23/1/_		**00**	**23-09-2024**	**17-85**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
15/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
16/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
16/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
17/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**RED**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
18/23/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**B**
					AZ53	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
19/23/1/_		**00**	**26-09-2024**	**19-77**	**AZ39**	**Welding + Repair done**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**C**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
20/23/1/_		**00**	**25-09-2024**	**18-72**	**AZ39**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**C**
					AZ36	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
21/23/1/_		**00**	**25-09-2024**	**18-72**	**AZ39**			**PIPE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**C**
					AZ36	**After Cutting**													
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000171	4	Acceptable				06-10-2024				
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
22/23/1/_		**00**	**26-09-2024**	**19-77**	**AZ39**	**Welding + Repair done**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**C**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
23/23/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000094	3	Acceptable				26-09-2024				
24/23/1/_		**00**	**26-09-2024**	**19**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
24/23/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
25/23/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
26/23/1/_		**00**	**23-09-2024**	**17**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
27/23/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
28/23/1/_		**00**	**23-09-2024**	**17**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
29/23/1/_		**00**	**02-01-2025**	**112**	**AX 453**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**04-01-2025**	
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**23**	**Prefabrication**	**3,90 m**	**28 Nr. Welds**	**39,00 inch**
		Erection	**0,15 m**	**1 Nr. Welds**	**1,50 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**4,05 m**	**29 Nr. Welds**	**40,50 inch**
		Accepted	**4,05 m**	**29 Nr. Welds**	**40,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**			**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000081	4	Acceptable					26-09-2024			
6/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/25/1/_		**00**	**26-09-2024**	**19**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
10/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/25/1/_		**00**	**26-09-2024**	**19**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
12/25/1/_		**00**	**26-09-2024**	**19**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/25/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
16/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**		**RED**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
17/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
18/25/1/_		**00**	**26-09-2024**	**19-85**	**AZ39**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**C**
					AZ53	**After Cutting**												
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
19/25/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**C**
					AZ53	**After Cutting**												
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
20/25/1/_		**00**	**25-09-2024**	**18-84**	**AZ39**		**PIPE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**18-12-2024**	**C**
					AZ53	**After Cutting**												
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000172	4	Acceptable				06-10-2024			
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	10 %	001073	4	Acceptable				18-12-2024			
21/25/1/_		**00**	**26-09-2024**	**19-85**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**C**
					AZ53	**After Cutting**												
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
21/25/1/_		**00**	**26-09-2024**	**19-85**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**17-12-2024**	**C**
					AZ53 **After Cutting**													
		RT	C 1 DTA	After Cutting				10 %		Acceptable								
22/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %		Acceptable								
23/25/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %		Acceptable								
24/25/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %		Acceptable								
25/25/1/_		**00**	**25-09-2024**	**18**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %		Acceptable								
26/25/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %		Acceptable								
27/25/1/_		**00**	**23-09-2024**	**17**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %		Acceptable								
28/25/1/_		**00**	**30-12-2024**	**110**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**31-12-2024**	
01SD	2	RT	FIN	Weld Completion				10 %		Acceptable								

Totals per DWG	**25**	**Prefabrication**	**3,75 m**	**27 Nr. Welds**	**37,50 inch**
		Erection	**0,15 m**	**1 Nr. Welds**	**1,50 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,90 m**	**28 Nr. Welds**	**39,00 inch**
		Accepted	**3,90 m**	**28 Nr. Welds**	**39,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Cons / NOTE	Accept. Date	Spool
1/26/1/_		**00**	**07-11-2024**	**70**	**AZ36**			**CAP**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/26/1/_		**00**	**07-11-2024**	**70**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/26/1/_		**00**	**07-11-2024**	**70**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000989	3	Acceptable					13-11-2024			
4/26/1/_		**00**	**11-12-2024**	**75**	**AX416**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**11-12-2024**	
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/26/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
6/26/1/_		**00**	**25-09-2024**	**18**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/26/1/_		**00**	**08-10-2024**	**34**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-10-2024**	**B**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000377	3	Acceptable					15-10-2024			
8/26/1/_		**00**	**25-09-2024**	**18**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/26/1/_		**00**	**23-09-2024**	**17**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
10/26/1/_		**00**	**07-11-2024**	**70**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000990	3	Acceptable					13-11-2024			
11/26/1/_		**00**	**07-11-2024**	**70**	**AZ36**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000991	3	Acceptable					13-11-2024			
12/26/1/_		**00**	**11-12-2024**	**75**	**AX416**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**11-12-2024**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/26/1/_		**00**	**11-12-2024**	**75**	**AX416**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**11-12-2024**	
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/26/1/_		**00**	**23-09-2024**	**17-73**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**C**
					AZ36	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
14/26/1/_		**00**	**25-09-2024**	**18-73**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**C**
					AZ36	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
15/26/1/_		**00**	**23-09-2024**	**17-73**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**C**
					AZ36	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
16/26/1/_		**00**	**25-09-2024**	**18-73**	**AZ39**	**Welding + Repair done**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**C**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000114	3	Acceptable					04-10-2024			
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
17/26/1/_		**00**	**08-10-2024**	**34-73**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**C**
					AZ36	**After Cutting**													
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
18/26/1/_		**00**	**07-11-2024**	**70**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000992	3	Acceptable					13-11-2024			
19/26/1/_		**00**	**12-12-2024**	**79**	**AX416**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**16-12-2024**	
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	001065	3	Acceptable					16-12-2024			

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Cons / NOTE	Accept. Date	Spool
20/26/2/_		**00**	**08-11-2024**	**71**	**AZ36**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000993	3	Acceptable					13-11-2024			
21/26/2/_		**00**	**08-11-2024**	**71**	**AZ36**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
22/26/2/_		**00**	**12-11-2024**	**77**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
23/26/2/_		**00**	**11-01-2025**	**130**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**11-01-2025**	
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
24/26/2/_		**00**	**08-11-2024**	**71**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
25/26/2/_		**00**	**12-11-2024**	**77**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
26/26/2/_		**00**	**11-11-2024**	**74**	**AZ36**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
28/26/2/_		**00**	**11-11-2024**	**74**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000995	3	Acceptable					13-11-2024			
29/26/2/_		**00**	**12-11-2024**	**77**	**AZ39**			**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion				10 %			Acceptable								
30/26/2/_		**00**	**08-11-2024**	**71**	**AZ36**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000994	3	Acceptable					13-11-2024			
31/26/2/_		**00**	**08-11-2024**	**71**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000985	4	Acceptable					13-11-2024			
32/26/2/_		**00**	**08-11-2024**	**71**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn / Accept. Date	Spool
32/26/2/_		**00**	**08-11-2024**	**71**	**AZ36**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**D**
01SD	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000988	3	Acceptable				13-11-2024				
33/26/2/_		**00**	**12-12-2024**	**77**	**AX416**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.D.**	**B1A**	**GTAW**	**BW**	**16-12-2024**	
01SD	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	001066	3	Acceptable				16-12-2024				
34/26/2/_		**00**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**E**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
35/26/2/_		**00**	**23-09-2024**	**17**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**E**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
36/26/2/_		**00**	**23-09-2024**	**17**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**24-09-2024**	**E**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**26**	**Prefabrication**	**4,78 m**	**30 Nr. Welds**	**48,50 inch**
		Erection	**0,70 m**	**5 Nr. Welds**	**7,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**5,48 m**	**35 Nr. Welds**	**55,50 inch**
		Accepted	**5,48 m**	**35 Nr. Welds**	**55,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/27/1/_		**00**	**13-09-2024**	**8**	**AZ52**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/27/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000082	4	Acceptable				26-09-2024				
3/27/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/27/1/_		**00**	**02-01-2025**	**113**	**AX 453**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/27/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**27**	**Prefabrication**	**0,45 m**	**4 Nr. Welds**	**4,50 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,55 m**	**5 Nr. Welds**	**5,50 inch**
		Accepted	**0,55 m**	**5 Nr. Welds**	**5,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Conn / NOTE	Accept. Date	Spool
1/29/1/_		**02**	**28-09-2024**	**20**	**AZ53**			**FWN**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/29/1/_		**02**	**28-09-2024**	**20**	**AZ53**			**RED**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/29/1/_		**02**	**27-09-2024**	**19**	**AZ53**			**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
DELETED FOR REVSION DRAWING																			
4/29/1/_		**02**	**24-01-2025**	**154**	**AX 453**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**27-01-2025**	
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	001194	4	Acceptable				27-01-2025				
DELETED FOR REVSION DRAWING																			
5/29/1/_		**02**	**24-01-2025**	**154**	**AX 453**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**27-01-2025**	
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	001195	4	Acceptable				27-01-2025				
DELETED FOR REVSION DRAWING																			
6/29/1/_		**02**	**28-03-2025**	**160**	**AX410**			**ELB**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/29/1/_		**02**	**28-03-2025**	**160**	**AX410**			**ELB**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/29/1/_		**02**	**28-03-2025**	**160**	**AX410**			**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/29/1/_		**02**	**28-03-2025**	**160**	**AX410**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
10/29/1/_		**02**	**28-03-2025**	**160**	**AX410**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/29/1/_		**02**	**28-03-2025**	**160**	**AX410**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**A**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
11/29/1/_		**02**	**28-03-2025**	**160**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/29/1/_		**02**	**28-03-2025**	**160**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/29/1/_		**02**	**28-03-2025**	**160**	**AX410**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/29/2/_		**0**	**28-03-2025**	**160**	**AX410**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/29/2/_		**0**	**28-03-2025**	**160**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
16/29/2/_		**0**	**01-04-2025**	**162**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
17/29/2/_		**0**	**01-04-2025**	**162**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
18/29/2/_		**0**	**29-03-2025**	**161**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-04-2025**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**29**	**Prefabrication**	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Erection	**1,68 m**	**15 Nr. Welds**	**17,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,25 m**	**18 Nr. Welds**	**23,00 inch**
		Accepted	**2,25 m**	**18 Nr. Welds**	**23,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/30/1/_		**00**	**23-09-2024**	**13**	**AZ53**			**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/30/1/_		**00**	**24-09-2024**	**14**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/30/1/_		**00**	**31-10-2024**	**17**	**AX416**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**01-11-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/30/1/_		**00**	**23-09-2024**	**13**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/30/1/_		**00**	**23-09-2024**	**13**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000087	4	Acceptable					26-09-2024			
6/30/1/_		**00**	**25-09-2024**	**15**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/30/1/_		**00**	**23-09-2024**	**13**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/30/1/_		**00**	**27-09-2024**	**19**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/30/1/_		**00**	**31-10-2024**	**20**	**AX416**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**01-11-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Conn / NOTE	Accept. Date	Spool
10/30/2/_		**00**	**23-09-2024**	**13**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/30/2/_		**00**	**23-09-2024**	**13**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
12/30/2/_		**00**	**27-09-2024**	**19**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/30/2/_		**00**	**27-09-2024**	**19**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
14/30/2/_		**00**	**31-10-2024**	**21**	**AX416**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-11-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
15/30/2/_		**00**	**23-09-2024**	**13**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/30/2/_		**00**	**26-09-2024**	**17**	**AZ52**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-10-2024**	**D**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000103	4	Acceptable					03-10-2024			
17/30/2/_		**00**	**26-09-2024**	**17**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
18/30/2/_		**00**	**24-09-2024**	**14**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-10-2024**	**D**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000104	4	Acceptable					03-10-2024			
19/30/2/_		**00**	**24-09-2024**	**14**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
20/30/2/_		**00**	**03-12-2024**	**63**	**AX416**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
21/30/2/_		**00**	**27-09-2024**	**19**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
21/30/2/_		**00**	**27-09-2024**	**19**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
22/30/3/_		**00**	**18-09-2024**	**10**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
23/30/3/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
24/30/3/_		**00**					**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
25/30/3/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
26/30/3/_		**00**	**26-09-2024**	**17**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
27/30/3/_		**00**					**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
28/30/3/_		**00**	**18-09-2024**	**10**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**H**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**30**	**Prefabrication**	**2,20 m**	**22 Nr. Welds**	**22,00 inch**
		Erection	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Offshore	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Performed	**2,60 m**	**26 Nr. Welds**	**26,00 inch**
		Accepted	**2,60 m**	**26 Nr. Welds**	**26,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/31/1/_		**00**	**14-11-2024**	**28**	**AZ 32**		**CAP**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/31/1/_		**00**	**10-01-2025**	**127**	**AX 453**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**10-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/31/1/_		**00**	**14-11-2024**	**28**	**AZ 32**		**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/31/1/_		**00**	**14-11-2024**	**28**	**AZ 32**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/31/1/_		**00**	**10-01-2025**	**127**	**AX 453**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**10-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/31/1/_		**00**	**14-11-2024**	**28**	**AZ 32**		**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/31/1/_		**00**	**09-01-2025**	**126**	**AX 453**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/31/1/_		**00**	**19-12-2024**	**35**	**AZ39**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-12-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/31/1/_		**00**	**19-12-2024**	**35**	**AZ39**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-12-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/31/1/_		**00**	**18-12-2024**	**34**	**AZ35**		**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-12-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/31/1/_		**00**	**18-12-2024**	**34**	**AZ35**		**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-12-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/31/1/_		**00**	**14-11-2024**	**28**	**AZ 32**		**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/31/1/_		**00**	**14-11-2024**	**28**	**AZ 32**			**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/31/1/_		**00**	**11-01-2025**	**130**	**AX 453**			**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-01-2025**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
14/31/1/_		**00**	**27-09-2024**	**19**	**AZ53**			**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
15/31/1/_		**00**	**27-09-2024**	**19**	**AZ53**			**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/31/1/_		**00**	**05-10-2024**	**23**	**AZ53**			**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**07-10-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
17/31/1/_		**00**	**19-09-2024**	**11**	**AZ52**			**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
18/31/1/_		**00**	**13-01-2025**	**131**	**AX 453**			**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**13-01-2025**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
19/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**			**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
20/31/2/_		**03**	**11-01-2025**	**130-153-162**	**AX 453** **AX410**	**Welding + Repair done** **After Cutting**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-04-2025**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	10 %	001196	4	Acceptable				28-01-2025				
		RT	C 2 DTA	After Cutting				10 %			Acceptable								
21/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**			**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
22/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**			**TEE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
22/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**TEE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
23/31/2/_		**03**	**29-11-2024**	**33**	**AZ 32**		**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
24/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**RED**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
26/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**PIPE**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
27/31/2/_		**03**	**29-11-2024**	**33**	**AZ 32**		**RED**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
28/31/2/_		**03**	**15-11-2024**	**29**	**AZ 32**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-11-2024**	**I**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
29/31/2/_		**03**	**28-09-2024**	**20**	**AZ53**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
30/31/2/_		**03**	**13-01-2025**	**131**	**AX410**		**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**13-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
31/31/2/_		**03**	**21-09-2024**	**12**	**AZ53**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
38/31/2/_		**03**	**15-11-2024**	**29**	**AZ 32**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-11-2024**	**I**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
39/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
40/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
40/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**TEE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
41/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
42/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**J**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
43/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**J**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
44/31/2/_		**03**	**28-11-2024**	**32**	**AZ 32**		**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-12-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
32/31/3/_		**00**	**18-09-2024**	**10**	**AZ53**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
33/31/3/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000095	3	Acceptable				26-09-2024				
34/31/3/_		**00**					**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
35/31/3/_		**00**	**27-09-2024**	**19**	**AZ53**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**H**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
36/31/3/_		**00**	**18-09-2024**	**10**	**AZ53**		**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**H**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**31**	**Prefabrication**	**5,40 m**	**34 Nr. Welds**	**54,75 inch**
		Erection	**0,90 m**	**7 Nr. Welds**	**9,00 inch**
		Offshore	**0,15 m**	**1 Nr. Welds**	**1,50 inch**
		Performed	**6,30 m**	**41 Nr. Welds**	**63,75 inch**
		Accepted	**6,30 m**	**41 Nr. Welds**	**63,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Cons / NOTE	Accept. Date	Spool
1/32/1/_		**00**	**17-09-2024**	**9**	**AZ53**			**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/32/1/_		**00**	**24-09-2024**	**14**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/32/1/_		**00**	**17-09-2024**	**9**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/32/1/_		**00**	**17-09-2024**	**9**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
6/32/1/_		**00**	**17-09-2024**	**9**	**AZ53**			**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/32/1/_		**00**	**24-09-2024**	**14**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/32/1/_		**00**	**11-01-2025**	**130**	**AX 453**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-01-2025**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/32/1/_		**00**	**17-09-2024**	**9**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000083	4	Acceptable				26-09-2024				
10/32/1/_		**00**	**17-09-2024**	**9**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/32/1/_		**00**	**26-09-2024**	**17**	**AZ52**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
12/32/1/_		**00**	**27-09-2024**	**19**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/32/1/_		**00**	**10-01-2025**	**127**	**AX 453**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**10-01-2025**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
13/32/1/_		**00**	**10-01-2025**	**127**	**AX 453**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**10-01-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/32/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**32**	**Prefabrication**	**1,10 m**	**11 Nr. Welds**	**11,00 inch**
		Erection	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Accepted	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/33/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/33/1/_		**00**					**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
3/33/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/33/1/_		**00**	**26-09-2024**	**17**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/33/1/_		**00**	**26-09-2024**	**17**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/33/1/_		**00**					**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
7/33/1/_		**00**	**27-09-2024**	**19**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/33/1/_		**00**					**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
9/33/1/_		**00**	**27-09-2024**	**19**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/33/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/33/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000084	4	Acceptable				26-09-2024				
12/33/1/_		**00**					**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Cons / NOTE	Accept. Date	Spool
12/33/1/_		**00**					**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
13/33/1/_		**00**	**23-09-2024**	**13**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/33/1/_		**00**					**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
15/33/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
16/33/1/_		**00**					**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
17/33/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
18/33/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
19/33/1/_		**00**					**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**O**	**C.S.**			**BW**		
01CS	2	RT	FIN	Weld Completion			10 %											
20/33/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**H**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**33**	**Prefabrication**	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,70 m**	**7 Nr. Welds**	**7,00 inch**
		Performed	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Accepted	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/34/1/_		**00**	**30-08-2024**	**1-22**	**AZ52**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-12-2024**	**A**
					AX416 After Cutting													
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
2/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/34/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/34/1/_		**00**	**02-09-2024**	**3**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000023	4	Acceptable					11-09-2024			
7/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/34/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
11/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
12/34/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/34/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/34/1/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/34/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
16/34/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
17/34/1/_		**00**	**04-11-2024**	**22**	**AX416**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	001004	4	Acceptable				15-11-2024				
18/34/1/_		**00**	**03-09-2024**	**4**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
19/34/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000024	4	Acceptable				11-09-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
20/34/2/_		**00**	**04-11-2024**	**22**	**AX416**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	001005	4	Acceptable				15-11-2024				
21/34/2/_		**00**	**09-09-2024**	**5**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
22/34/2/_		**00**	**05-11-2024**	**23**	**AX416**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**05-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
23/34/2/_		**00**	**31-08-2024**	**2**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
24/34/2/_		**00**	**30-08-2024**	**1**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
25/34/2/_		**00**	**07-09-2024**	**6**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
26/34/2/_		**00**	**04-11-2024**	**22**	**AX416**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**05-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
27/34/2/_		**00**	**30-08-2024**	**1**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
28/34/2/_		**00**	**09-09-2024**	**5**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
29/34/2/_		**00**	**31-08-2024**	**2**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
30/34/2/_		**00**	**31-08-2024**	**2**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
31/34/2/_		**00**	**22-11-2024**	**44**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-11-2024**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
31/34/2/_		**00**	**22-11-2024**	**44**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
32/34/2/_		**00**	**07-09-2024**	**6**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
33/34/2/_		**00**	**03-09-2024**	**4**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
34/34/2/_		**00**	**03-09-2024**	**4**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
35/34/2/_		**00**	**30-08-2024**	**1**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
36/34/2/_		**00**	**30-08-2024**	**1-19**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-12-2024**	**F**
					AX416	**After Cutting**												
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
37/34/2/_		**00**	**31-08-2024**	**2**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
38/34/2/_		**00**	**31-08-2024**	**2**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
39/34/2/_		**00**	**22-11-2024**	**43**	**AX410**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**22-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
40/34/2/_		**00**	**22-11-2024**	**44**	**AX410**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-11-2024**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	001022	4	Acceptable					25-11-2024			

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number	Rev.	Prod. Date	Prod. Sheet	Welders	Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase	Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE		
40/34/2/_		**00**	**22-11-2024**	**44**	**AX410**	**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-11-2024**

Totals per DWG	**34**	**Prefabrication**	**3,24 m**	**33 Nr. Welds**	**32,25 inch**
		Erection	**0,70 m**	**7 Nr. Welds**	**7,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,94 m**	**40 Nr. Welds**	**39,25 inch**
		Accepted	**3,94 m**	**40 Nr. Welds**	**39,25 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/35/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/35/1/_		**00**	**19-09-2024**	**11**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/35/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/35/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/35/1/_		**00**	**26-09-2024**	**17**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/35/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000085	4	Acceptable				26-09-2024				
7/35/1/_		**00**	**19-09-2024**	**11**	**AZ52**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/35/1/_		**00**	**19-09-2024**	**11**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**35**	**Prefabrication**	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Accepted	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/36/1/_		**00**	**17-09-2024**	**13**	**AZ36**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**18-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/36/1/_		**00**	**17-09-2024**	**13**	**AZ36**			**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/36/1/_		**00**	**16-09-2024**	**13-5**	**AZ36**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**A**
					AX416	**After Cutting**													
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000068	3	Acceptable				18-09-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	10 %	001007	3	Acceptable				15-11-2024				
4/36/1/_		**00**	**13-09-2024**	**11**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/36/1/_		**00**	**13-09-2024**	**11**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
6/36/1/_		**00**	**14-09-2024**	**10**	**AZ35**			**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/36/1/_		**00**	**13-09-2024**	**11**	**AZ35**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**19-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000073	4	Acceptable				19-09-2024				
9/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
10/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/36/1/_		**00**	**13-09-2024**	**11**	**AZ35**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
11/36/1/_		**00**	**13-09-2024**	**11**	**AZ35**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
12/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/36/1/_		**00**	**13-09-2024**	**11**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
14/36/1/_		**00**	**17-09-2024**	**13**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
15/36/1/_		**00**	**09-11-2024**	**27**	**AX416**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/36/1/_		**00**	**14-09-2024**	**10**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
17/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
18/36/1/_		**00**	**14-09-2024**	**10**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000054	3	Acceptable					18-09-2024			
19/36/1/_		**00**	**14-09-2024**	**10**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
20/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
21/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
22/36/1/_		**00**	**08-11-2024**	**28**	**AX416**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
22/36/1/_		**00**	**08-11-2024**	**28**	**AX416**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
135/36/1/_		**00**	**12-11-2024**	**30-36**	**AX416**	**Welding + Repair done**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**25-11-2024**	
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	001010	3	Repair			0,020 m	15-11-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	10 %	001023	3	Acceptable				25-11-2024				
136/36/1/_		**00**	**16-09-2024**	**12**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
23/36/2/_		**00**	**13-09-2024**	**11**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
24/36/2/_		**00**	**13-09-2024**	**11**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
25/36/2/_		**00**	**16-09-2024**	**12**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000055	3	Acceptable				18-09-2024				
26/36/2/_		**00**	**16-09-2024**	**12**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
27/36/2/_		**00**	**12-09-2024**	**9**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**19-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
28/36/2/_		**00**	**08-11-2024**	**28**	**AX416**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
29/36/2/_		**00**	**13-09-2024**	**11**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
30/36/2/_		**00**	**16-09-2024**	**12**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000053	3	Acceptable				18-09-2024				
31/36/2/_		**00**	**16-09-2024**	**12**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
31/36/2/_		**00**	**16-09-2024**	**12**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
32/36/2/_		**00**	**17-09-2024**	**13-6**	**AZ36**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**19-11-2024**	**E**
					AX416	**After Cutting**												
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
33/36/2/_		**00**	**14-12-2024**	**87**	**AX410**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**14-12-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
61/36/2/_		**00**	**08-11-2024**	**28**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
35/36/3/_		**00**	**16-09-2024**	**12**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**G**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
36/36/3/_		**00**	**25-11-2024**	**50**	**AX416**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
37/36/3/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**H**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
38/36/3/_		**00**	**28-11-2024**	**54**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
39/36/3/_		**00**	**16-09-2024**	**13**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**H**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000069	3	Acceptable				18-09-2024				
40/36/3/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**H**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
41/36/3/_		**00**	**28-11-2024**	**54**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
41/36/3/_		**00**	**28-11-2024**	**54**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
42/36/3/_		**00**	**26-11-2024**	**49**	**AX416**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
43/36/3/_		**00**	**17-09-2024**	**13**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**I**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
44/36/3/_		**00**	**27-11-2024**	**55**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
45/36/3/_		**00**	**16-09-2024**	**13**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**I**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000070	3	Acceptable					18-09-2024			
46/36/3/_		**00**	**17-09-2024**	**13**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**I**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
47/36/3/_		**00**	**27-11-2024**	**53**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
48/36/3/_		**00**	**17-09-2024**	**13**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**I**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
34/36/4/_		**00**	**13-12-2024**	**85**	**AX410**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**14-12-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
49/36/4/_		**00**	**12-09-2024**	**9**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**20-09-2024**	**F**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
50/36/4/_		**00**	**17-09-2024**	**13**	**AZ36**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**F**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
51/36/4/_		**00**	**13-09-2024**	**11**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**F**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
52/36/4/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**F**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
53/36/4/_		**00**	**16-12-2024**	**92**	**AX410**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**17-12-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
54/36/4/_		**00**	**14-09-2024**	**10**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**J**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
55/36/4/_		**00**	**16-12-2024**	**90**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**17-12-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
56/36/4/_		**00**	**17-09-2024**	**13**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**J**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
57/36/4/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**J**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
58/36/4/_		**00**	**16-09-2024**	**12**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**J**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
59/36/4/_		**00**	**16-12-2024**	**90**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**17-12-2024**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
59/36/4/_		**00**	**16-12-2024**	**90**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**17-12-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
60/36/4/_		**00**	**16-09-2024**	**12**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**J**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
62/36/5/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**K**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
63/36/5/_		**00**	**12-09-2024**	**9**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**20-09-2024**	**K**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
64/36/5/_		**00**	**06-11-2024**	**25**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**07-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
65/36/5/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**L**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
66/36/5/_		**00**	**16-09-2024**	**12**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**L**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
67/36/5/_		**00**	**14-09-2024**	**10**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**L**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
68/36/5/_		**00**	**17-09-2024**	**13**	**AZ36**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**L**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
69/36/5/_		**00**	**16-11-2024**	**33**	**AX416**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**18-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
88/36/5/_		**00**	**12-09-2024**	**9**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**26-09-2024**	**K**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000091	3	Acceptable					26-09-2024			
89/36/5/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**K**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
89/36/5/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**K**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
90/36/5/_		**00**	**07-11-2024**	**26**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
107/36/5/_		**00**	**13-09-2024**	**11**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**K**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
108/36/5/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**K**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
109/36/5/_		**00**	**13-09-2024**	**11**	**AZ35**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**19-09-2024**	**K**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000072	4	Acceptable				19-09-2024				
110/36/5/_		**00**	**06-11-2024**	**25**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**07-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
70/36/6/_		**00**	**16-11-2024**	**33**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**18-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
71/36/6/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**N**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
72/36/6/_		**00**	**17-09-2024**	**13**	**AZ36**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**N**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
73/36/6/_		**00**	**16-09-2024**	**13**	**AZ36**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**N**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000067	3	Acceptable				18-09-2024				
74/36/6/_		**00**	**18-11-2024**	**34**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**19-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
75/36/6/_		**00**	**17-09-2024**	**13**	**AZ36**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**N**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
75/36/6/_		**00**	**17-09-2024**	**13**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**N**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
76/36/6/_		**00**	**12-09-2024**	**9**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**26-09-2024**	**M**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000092	3	Acceptable					26-09-2024			
77/36/6/_		**00**	**13-09-2024**	**11**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**M**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
78/36/6/_		**00**	**12-09-2024**	**9**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**20-09-2024**	**M**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
79/36/6/_		**00**	**12-09-2024**	**9**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**26-09-2024**	**M**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000093	3	Acceptable					26-09-2024			
80/36/6/_		**00**	**21-11-2024**	**41**	**AX416**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**25-11-2024**	
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	001024	3	Acceptable					25-11-2024			
81/36/6/_		**00**	**17-09-2024**	**13**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**O**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
82/36/6/_		**00**	**22-11-2024**	**45**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**23-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
83/36/6/_		**00**	**17-09-2024**	**13**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**O**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
84/36/6/_		**00**	**17-09-2024**	**13**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**O**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
85/36/6/_		**00**	**22-11-2024**	**45**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**23-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
86/36/6/_		**00**	**17-09-2024**	**13**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**O**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
86/36/6/_		**00**	**17-09-2024**	**13**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**O**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
87/36/6/_		**00**	**17-09-2024**	**13**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**O**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
91/36/7/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**P**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
92/36/7/_		**00**	**16-09-2024**	**12**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**P**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
93/36/7/_		**00**	**16-09-2024**	**12**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**P**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
94/36/7/_		**00**	**14-09-2024**	**10**	**AZ35**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**P**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
95/36/7/_		**00**	**16-09-2024**	**12**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**P**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
96/36/7/_		**00**	**16-09-2024**	**12**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**P**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
97/36/7/_		**00**	**16-09-2024**	**12**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**P**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
98/36/7/_		**00**	**07-11-2024**	**26**	**AX416**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
99/36/7/_		**00**	**14-09-2024**	**10**	**AZ35**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**Q**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
100/36/7/_		**00**	**17-09-2024**	**13**	**AZ36**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**Q**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
100/36/7/_		**00**	**17-09-2024**	**13**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**Q**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
101/36/7/_		**00**	**17-09-2024**	**13**	**AZ36**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**Q**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
102/36/7/_		**00**	**19-11-2024**	**38**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**21-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
103/36/7/_		**00**	**17-09-2024**	**13**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**Q**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
104/36/7/_		**00**	**16-09-2024**	**13**	**AZ36**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**Q**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000066	3	Acceptable				18-09-2024				
105/36/7/_		**00**	**19-11-2024**	**38**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**21-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
106/36/7/_		**00**	**17-09-2024**	**13**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**Q**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
111/36/8/_		**00**	**14-09-2024**	**10-3**	**AZ35** **AX416**	**After Cutting**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**R**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C1 DTA	After Cutting				10 %			Acceptable								
112/36/8/_		**00**	**18-10-2024**	**16**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**21-10-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
113/36/8/_		**00**	**14-09-2024**	**10**	**AZ35**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**R**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
114/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**R**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
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ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
114/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**R**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
115/36/8/_		**00**	**17-09-2024**	**13**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**R**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
116/36/8/_		**00**	**16-09-2024**	**12**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**R**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
117/36/8/_		**00**	**17-10-2024**	**15**	**AX416**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**18-10-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
118/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**S**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
119/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**S**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000052	3	Acceptable				18-09-2024				
120/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**S**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
121/36/8/_		**00**	**17-09-2024**	**13**	**AZ36**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**S**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
122/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**S**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
123/36/8/_		**00**	**17-10-2024**	**15**	**AX416**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**18-10-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
124/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
125/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
125/36/8/_		**00**	**13-09-2024**	**11**	**AZ35**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**T**
126/36/8/_		**00**	**17-09-2024**	**13-7**	**AZ36**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-11-2024**	**T**
					AX416	**After Cutting**												
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
127/36/8/_		**00**	**17-09-2024**	**13**	**AZ36**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
128/36/8/_		**00**	**19-11-2024**	**38**	**AX416**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**21-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
129/36/8/_		**00**	**17-09-2024**	**13**	**AZ36**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
130/36/8/_		**00**	**17-09-2024**	**13**	**AZ36**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
131/36/8/_		**00**	**19-11-2024**	**38**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**21-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
132/36/8/_		**00**	**17-09-2024**	**13**	**AZ35**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
133/36/8/_		**00**	**14-09-2024**	**10**	**AZ35**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
134/36/8/_		**00**	**17-09-2024**	**13**	**AZ36**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**T**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number	Rev.	Prod. Date	Prod. Sheet	Welders	Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase	Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE		
134/36/8/_		00	17-09-2024	13	AZ36	TEE	1,50 in	3,68 mm	V	0,151 m	P	S.S.	C1A	GTAW	BW	18-09-2024	T

Totals per DWG	36	Prefabrication	15,09 m	103 Nr. Welds	150,75 inch
		Erection	4,30 m	33 Nr. Welds	43,00 inch
		Offshore	0,00 m	0 Nr. Welds	0,00 inch
		Performed	19,39 m	136 Nr. Welds	193,75 inch
		Accepted	19,39 m	136 Nr. Welds	193,75 inch
		Repaired	0,02 m	1 Nr. Welds	1,50 inch

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/37/1/_		**01**	**01-10-2024**	**22**	**AZ52**		**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000246	3	Acceptable				07-10-2024				
2/37/1/_		**01**	**01-10-2024**	**22**	**AZ52**		**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000118	3	Acceptable				04-10-2024				
3/37/1/_		**01**	**01-10-2024**	**22**	**AZ52**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000119	3	Acceptable				04-10-2024				
4/37/1/_		**01**	**27-09-2024**	**21**	**AZ39**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000122	3	Acceptable				04-10-2024				
5/37/1/_		**01**	**02-10-2024**	**27**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000137	3	Acceptable				04-10-2024				
6/37/1/_		**01**	**16-01-2025**	**139**	**AX410**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001172	3	Acceptable				17-01-2025				
7/37/1/_		**01**	**02-10-2024**	**28**	**AZ39**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000138	3	Acceptable				04-10-2024				
8/37/1/_		**01**	**02-10-2024**	**28-36**	**AZ39**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**C**
					AZ35 Repair done													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000139	3	Repair			0,012 m	04-10-2024				
		RT	R 1 DRI	After Repair	IDL-QCI-RT 0036 00	PR	100 %	000342	3	Acceptable				14-10-2024				
9/37/1/_		**01**	**27-09-2024**	**21**	**AZ39**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000121	3	Acceptable				04-10-2024				

Totals per DWG	**37**				
Prefabrication	**2,71 m**	**8 Nr. Welds**	**30,00 inch**		
Erection	**0,36 m**	**1 Nr. Welds**	**4,00 inch**		
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**		
Performed	**3,07 m**	**9 Nr. Welds**	**34,00 inch**		
Accepted	**3,07 m**	**9 Nr. Welds**	**34,00 inch**		
Repaired	**0,01 m**	**1 Nr. Welds**	**4,00 inch**		

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/38/1/_		**01**	**01-10-2024**	**22**	**AZ52**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000247	3	Acceptable				07-10-2024				
2/38/1/_		**01**	**01-10-2024**	**22**	**AZ52**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000182	3	Acceptable				06-10-2024				
3/38/1/_		**01**	**01-10-2024**	**22**	**AZ52**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000181	3	Acceptable				06-10-2024				
4/38/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000180	3	Acceptable				06-10-2024				
5/38/1/_		**01**	**02-10-2024**	**27**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000140	3	Acceptable				04-10-2024				
6/38/1/_		**01**	**16-01-2025**	**140**	**AX410**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001175	3	Acceptable				18-01-2025				
7/38/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000141	3	Acceptable				04-10-2024				
8/38/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000142	3	Acceptable				04-10-2024				
9/38/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000125	3	Acceptable				04-10-2024				

Totals per DWG	**38**				
Prefabrication	**2,71 m**	**8 Nr. Welds**	**30,00 inch**
Erection	**0,36 m**	**1 Nr. Welds**	**4,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
Accepted	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/39/1/_		**01**	**30-09-2024**	**21**	**AZ52**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000173	3	Acceptable				06-10-2024				
2/39/1/_		**01**	**30-09-2024**	**21**	**AZ52**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000184	3	Acceptable				06-10-2024				
3/39/1/_		**01**	**30-09-2024**	**21**	**AZ52**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000185	3	Acceptable				06-10-2024				
4/39/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000183	3	Acceptable				06-10-2024				
5/39/1/_		**01**	**02-10-2024**	**27**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000143	3	Acceptable				04-10-2024				
6/39/1/_		**01**	**13-01-2025**	**133**	**AX 453**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001150	3	Acceptable				14-01-2025				
7/39/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000144	3	Acceptable				04-10-2024				
8/39/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000145	3	Acceptable				04-10-2024				
9/39/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000126	3	Acceptable				04-10-2024				

Totals per DWG	**39**				
		Prefabrication	**2,71 m**	**8 Nr. Welds**	**30,00 inch**
		Erection	**0,36 m**	**1 Nr. Welds**	**4,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Accepted	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/40/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000115	3	Acceptable				04-10-2024				
2/40/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000116	3	Acceptable				04-10-2024				
3/40/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000117	3	Acceptable				04-10-2024				
4/40/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000124	3	Acceptable				04-10-2024				
5/40/1/_		**01**	**02-10-2024**	**27**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000146	3	Acceptable				04-10-2024				
6/40/1/_		**01**	**16-01-2025**	**139**	**AX 453**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001176	3	Acceptable				18-01-2025				
7/40/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000147	3	Acceptable				04-10-2024				
8/40/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000148	3	Acceptable				04-10-2024				
9/40/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000123	3	Acceptable				04-10-2024				

Totals per DWG	**40**				
		Prefabrication	**2,71 m**	**8 Nr. Welds**	**30,00 inch**
		Erection	**0,36 m**	**1 Nr. Welds**	**4,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Accepted	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/41/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000174	3	Acceptable				06-10-2024				
2/41/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**RED**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000186	3	Acceptable				06-10-2024				
3/41/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000187	3	Acceptable				06-10-2024				
4/41/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000188	3	Acceptable				06-10-2024				
5/41/1/_		**01**	**02-10-2024**	**27**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000149	3	Acceptable				04-10-2024				
6/41/1/_		**01**	**19-01-2025**	**149**	**AX410**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001186	3	Repeat				20-01-2025				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	AA	100 %	001190	3	Repeat				21-01-2025				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	AA	100 %	001192	3	Acceptable				22-01-2025				
7/41/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000150	3	Acceptable				04-10-2024				
8/41/1/_		**01**	**02-10-2024**	**27**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000151	3	Acceptable				04-10-2024				
9/41/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**04-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000127	3	Acceptable				04-10-2024				

Totals per DWG	**41**	**Prefabrication**	**2,71 m**	**8 Nr. Welds**	**30,00 inch**
		Erection	**0,36 m**	**1 Nr. Welds**	**4,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Accepted	**3,07 m**	**9 Nr. Welds**	**34,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/42/1/_		**01**	**04-10-2024**	**29**	**AZ39**			**CAP**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000584	3	Acceptable				23-10-2024				
2/42/1/_		**01**	**08-01-2025**	**125**	**AX 453**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001144	3	Acceptable				09-01-2025				
3/42/1/_		**01**	**10-09-2024**	**6**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000099	3	Acceptable				26-09-2024				
4/42/1/_		**01**	**04-10-2024**	**29**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000585	3	Acceptable				23-10-2024				
5/42/1/_		**01**	**13-01-2025**	**135**	**AX 453**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001153	3	Acceptable				14-01-2025				
6/42/1/_		**01**	**08-10-2024**	**32**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000586	3	Acceptable				23-10-2024				
9/42/1/_		**01**	**06-01-2025**	**119**	**AX 453**			**WOL**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**08-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001130	3	Acceptable				08-01-2025				
10/42/1/_		**01**	**02-09-2024**	**1-15**	**AZ39**	**Welding + Repair done**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**18-09-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000047	3	Repair			0,030 m	11-09-2024				
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	AA	100 %	000065	3	Acceptable				18-09-2024				
11/42/1/_		**01**	**16-01-2025**	**145**	**AX84**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001179	3	Acceptable				18-01-2025				
12/42/1/_		**01**	**02-09-2024**	**1**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000045	3	Acceptable				11-09-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material	WPS / Defect length	Techn. Weld. / CND date	Type Conn / NOTE	Accept. Date	Spool
13/42/2/_		**02**	**15-01-2025**	**140**	**AX84**		**ELB**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001166	3	Acceptable					16-01-2025			
15/42/2/_		**02**	**31-12-2024**	**114**	**AX 453**		**WOL**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001117	4	Repeat					03-01-2025			
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	001120	1	Acceptable					07-01-2025			
16/42/2/_		**02**	**09-10-2024**	**39-11**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**18-12-2024**	**B**
					AX416 After Cutting													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000355	3	Acceptable					14-10-2024			
		RT	C1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001076	3	Acceptable					18-12-2024			
17/42/2/_		**02**	**31-12-2024**	**112-117-121**	**AX416**		**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**08-01-2025**	
					AX 453 Welding + Repair done													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001119	3	Repair				0,080 m	03-01-2025			
		RT	R1 DRI	After Repair	IDL-QCI-RT 0036 00	AA	100 %	001127	1	Repair				0,022 m	07-01-2025			
		RT	R2 DRI	After Repair	IDL-QCI-RT 0036 00	PR	100 %	001132	1	Acceptable					08-01-2025			
18/42/2/_		**02**	**09-10-2024**	**39-18**	**AZ39**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**18-12-2024**	**B**
					AX416 After Cutting													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000356	3	Acceptable					14-10-2024			
		RT	C1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001077	3	Acceptable					18-12-2024			
19/42/2/_		**02**	**09-10-2024**	**39**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000354	3	Acceptable					14-10-2024			
20/42/2/_		**02**	**27-12-2024**	**107**	**AX410**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001103	3	Acceptable					30-12-2024			
21/42/2/_		**02**	**05-09-2024**	**3**	**AZ39**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000044	3	Acceptable					11-09-2024			
22/42/2/_		**02**	**05-09-2024**	**3**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000043	3	Acceptable					11-09-2024			
23/42/2/_		**02**	**16-12-2024**	**91**	**AX416**		**ELB**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-12-2024**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material	WPS / Defect length	Techn. Weld. / CND date	Type Conn / NOTE	Accept. Date	Spool
23/42/2/_		**02**	**16-12-2024**	**91**	**AX416**			**ELB**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001078	3	Acceptable					18-12-2024			
24/42/2/_		**02**	**02-09-2024**	**1**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000046	3	Acceptable					11-09-2024			
25/42/2/_		**02**	**09-10-2024**	**39**	**AZ39**			**ELB**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**17-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000473	3	Acceptable					17-10-2024			
27/42/2/_		**02**	**05-12-2024**	**66**	**AX416**			**WOL**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**11-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001045	4	Acceptable					11-12-2024			
29/42/2/_		**02**	**05-12-2024**	**65**	**AX416**			**WOL**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**11-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001052	3	Acceptable					11-12-2024			
31/42/2/_		**02**	**06-12-2024**	**67**	**AX416**			**WOL**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**11-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001046	4	Acceptable					11-12-2024			
32/42/2/_		**02**	**09-10-2024**	**39**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**17-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000472	3	Acceptable					17-10-2024			

Totals per DWG	**42**				
		Prefabrication	**12,04 m**	**14 Nr. Welds**	**140,00 inch**
		Erection	**5,38 m**	**12 Nr. Welds**	**61,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**17,42 m**	**26 Nr. Welds**	**201,00 inch**
		Accepted	**17,42 m**	**26 Nr. Welds**	**201,00 inch**
		Repaired	**0,13 m**	**3 Nr. Welds**	**22,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/43/1/_		**03**	**02-09-2024**	**1**	**AZ39**		**FWN**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000041	3	Acceptable				11-09-2024				
2/43/1/_		**03**	**09-10-2024**	**39**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000587	3	Acceptable				23-10-2024				
3/43/1/_		**03**	**04-10-2024**	**29**	**AZ39**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000325	3	Repeat				11-10-2024				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	000588	3	Acceptable				23-10-2024				
4/43/1/_		**03**	**04-10-2024**	**29**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000322	3	Acceptable				11-10-2024				
5/43/1/_		**03**	**20-12-2024**	**100-115**	**AX84**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-01-2025**	
					AX 453 Repair done													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001088	3	Repair			0,030 m	23-12-2024				
		RT R1	DRI	After Repair	IDL-QCI-RT 0036 00	AA	100 %	001124	1	Acceptable				07-01-2025				
6/43/1/_		**03**	**05-09-2024**	**4-35**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-02-2025**	**B**
					AX 453 After Cutting													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000075	3	Acceptable				19-09-2024				
		RT C1	DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001201	3	Repeat				04-02-2025				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	001203	3	Acceptable				05-02-2025				
7/43/1/_		**03**	**14-09-2024**	**10-26**	**AZ39**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-01-2025**	**B**
					AX 453 After Cutting													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000076	3	Acceptable				19-09-2024				
		RT C1	DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001125	3	Acceptable				07-01-2025				
9/43/1/_		**03**	**02-09-2024**	**1-36**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**13-02-2025**	**B**
					AX 453 After Cutting													
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000042	3	Acceptable				11-09-2024				
		RT C1	DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	001208	3	Acceptable				13-02-2025				
10/43/1/_		**03**	**02-09-2024**	**1**	**AZ39**		**FWN**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**C**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000038	3	Acceptable				11-09-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
10/43/1/_		**03**	**02-09-2024**	**1**	**AZ39**			**FWN**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**C**
11/43/1/_		**03**	**08-10-2024**	**32**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000323	3	Acceptable					11-10-2024			
12/43/1/_		**03**	**05-09-2024**	**4**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**18-09-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000064	3	Acceptable					18-09-2024			
13/43/1/_		**03**	**04-10-2024**	**29**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000324	3	Acceptable					11-10-2024			
14/43/1/_		**03**	**02-09-2024**	**1**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000039	3	Acceptable					11-09-2024			
15/43/1/_		**03**	**06-01-2025**	**119**	**AX 453**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**08-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001133	3	Acceptable					08-01-2025			
		deleted for revision drawing																	
16/43/1/_		**03**	**02-02-2025**	**35**	**AX 453**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-02-2025**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001202	3	Acceptable					04-02-2025			

Totals per DWG	**43**	**Prefabrication**	**11,18 m**	**13 Nr. Welds**	**130,00 inch**
		Erection	**1,72 m**	**2 Nr. Welds**	**20,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**12,90 m**	**15 Nr. Welds**	**150,00 inch**
		Accepted	**12,90 m**	**15 Nr. Welds**	**150,00 inch**
		Repaired	**0,03 m**	**1 Nr. Welds**	**10,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/44/1/_		**01**	**07-10-2024**	**31**	**AZ39**			**CAP**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000357	3	Acceptable				14-10-2024				
2/44/1/_		**01**	**11-01-2025**	**130**	**AX 453**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001149	3	Acceptable				13-01-2025				
3/44/1/_		**01**	**07-10-2024**	**31**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000358	3	Acceptable				14-10-2024				
4/44/1/_		**01**	**07-10-2024**	**31**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000359	3	Acceptable				14-10-2024				
5/44/1/_		**01**	**12-01-2025**	**131**	**AX410**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001148	3	Acceptable				13-01-2025				
6/44/1/_		**01**	**08-10-2024**	**32**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000351	3	Acceptable				14-10-2024				
8/44/1/_		**01**	**07-10-2024**	**31**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000352	3	Acceptable				14-10-2024				
9/44/1/_		**01**	**09-01-2025**	**127**	**AX84**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001142	3	Acceptable				10-01-2025				
10/44/1/_		**01**	**07-10-2024**	**31**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000353	3	Acceptable				14-10-2024				
11/44/1/_		**01**	**08-01-2025**	**125**	**AX84**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001145	3	Acceptable				09-01-2025				
12/44/1/_		**01**	**02-09-2024**	**1**	**AZ39**			**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000040	3	Acceptable				11-09-2024				
14/44/1/_		**01**	**14-09-2024**	**10**	**AZ39**			**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**19-09-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
14/44/1/_		**01**	**14-09-2024**	**10**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**19-09-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000079	3	Acceptable				19-09-2024				
15/44/1/_		**01**	**04-09-2024**	**2**	**AZ39**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-09-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000037	3	Acceptable				11-09-2024				
16/44/1/_		**01**	**08-01-2025**	**123**	**AX 453**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001137	3	Acceptable				09-01-2025				
17/44/1/_		**01**	**14-09-2024**	**10**	**AZ39**		**PIPE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**19-09-2024**	**C**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000078	3	Acceptable				19-09-2024				
18/44/1/_		**01**	**05-09-2024**	**4**	**AZ39**		**TEE**	**10,00 in**	**4,19 mm**	**V**	**0,857 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**19-09-2024**	**C**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000077	3	Acceptable				19-09-2024				

Totals per DWG	**44**	**Prefabrication**	**9,46 m**	**11 Nr. Welds**	**110,00 inch**
		Erection	**3,31 m**	**5 Nr. Welds**	**38,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**12,77 m**	**16 Nr. Welds**	**148,00 inch**
		Accepted	**12,77 m**	**16 Nr. Welds**	**148,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/45/1/_		**00**	**12-09-2024**	**8**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/45/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/45/1/_		**00**	**25-09-2024**	**18**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-10-2024**	**A**
03HSS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000292	4	Acceptable					10-10-2024			

Totals per DWG	**45**	**Prefabrication**	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Accepted	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE			
1/46/1/_		**00**	**12-09-2024**	**8**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/46/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/46/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**46**	**Prefabrication**	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Accepted	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

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Discipline PP Piping

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ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/47/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000059	4	Acceptable				18-09-2024				
2/47/1/_		**00**	**11-09-2024**	**7**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/47/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**47**	**Prefabrication**	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Accepted	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/48/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/48/1/_		**00**	**11-09-2024**	**7**	**AZ35**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/48/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**48**	**Prefabrication**	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Accepted	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/49/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/49/1/_		**00**	**11-09-2024**	**7**	**AZ35**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/49/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000058	4	Acceptable				18-09-2024				

Totals per DWG	**49**	**Prefabrication**	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Accepted	**0,30 m**	**3 Nr. Welds**	**3,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

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Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/50/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000554	4	Acceptable				23-10-2024				
3/50/1/_		**01**	**31-10-2024**	**60**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000832	4	Acceptable				06-11-2024				
4/50/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000572	4	Acceptable				23-10-2024				
5/50/1/_		**01**	**30-10-2024**	**59**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000855	4	Acceptable				09-11-2024				
6/50/1/_		**01**	**30-10-2024**	**59**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000856	4	Acceptable				09-11-2024				
7/50/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000599	4	Acceptable				26-10-2024				
8/50/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000600	4	Acceptable				26-10-2024				
9/50/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000601	4	Acceptable				26-10-2024				
10/50/1/_		**01**	**27-12-2024**	**108**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001138	4	Acceptable				10-01-2025				
11/50/1/_		**01**	**04-11-2024**	**67**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000834	4	Acceptable				06-11-2024				
12/50/1/_		**01**	**31-10-2024**	**60**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000833	4	Acceptable				06-11-2024				
13/50/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
13/50/1/_		**01**	**18-10-2024**	**46**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000480	4	Acceptable				21-10-2024				
14/50/1/_		**01**	**21-10-2024**	**50**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**25-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001025	4	Acceptable				25-11-2024				
15/50/1/_		**01**	**18-10-2024**	**46-25**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-01-2025**	**D**
					AX416 After Cutting													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000481	4	Acceptable				21-10-2024				
		RT	C1 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	001114	4	Acceptable				03-01-2025				

Totals per DWG	**50**	**Prefabrication**	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
		Accepted	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

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ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/51/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000744	4	Acceptable				02-11-2024				
3/51/1/_		**01**	**22-10-2024**	**50**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000745	4	Acceptable				02-11-2024				
4/51/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000746	4	Acceptable				02-11-2024				
5/51/1/_		**01**	**30-10-2024**	**59**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000857	4	Acceptable				09-11-2024				
6/51/1/_		**01**	**30-10-2024**	**59**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000858	4	Acceptable				09-11-2024				
7/51/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000635	4	Acceptable				28-10-2024				
8/51/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000636	4	Acceptable				28-10-2024				
9/51/1/_		**01**	**19-10-2024**	**49**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000506	4	Acceptable				21-10-2024				
10/51/1/_		**01**	**15-01-2025**	**137**	**AX 453**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001162	4	Acceptable				16-01-2025				
11/51/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000482	4	Acceptable				21-10-2024				
12/51/1/_		**01**	**31-10-2024**	**60-75-79**	**AZ36**	**Welding + Repair done**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**D**
					AZ39	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000835	4	Cut				06-11-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	000984	4	Cut				13-11-2024				
		RT	C2 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001001	4	Acceptable				15-11-2024				

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Welding Register

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Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
12/51/1/_		**01**	**31-10-2024**	**60-75-79**	**AZ36** **Welding + Repair done**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**D**
					AZ39 **After Cutting**													
13/51/1/_		**01**	**04-11-2024**	**67**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000836	4	Acceptable					06-11-2024			
14/51/1/_		**01**	**21-10-2024**	**49**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000553	4	Acceptable					23-10-2024			
15/51/1/_		**01**	**18-10-2024**	**46**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000483	4	Acceptable					21-10-2024			

Totals per DWG	**51**				
Prefabrication	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
Accepted	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/52/1/_		**01**	**21-10-2024**	**50**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000570	4	Acceptable				23-10-2024				
3/52/1/_		**01**	**31-10-2024**	**60**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000891	4	Repeat				10-11-2024				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	PR	100 %	000978	1	Acceptable				13-11-2024				
4/52/1/_		**01**	**23-10-2024**	**52**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000812	4	Acceptable				04-11-2024				
5/52/1/_		**01**	**30-10-2024**	**59**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000859	4	Acceptable				09-11-2024				
6/52/1/_		**01**	**30-10-2024**	**59**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000860	4	Acceptable				09-11-2024				
7/52/1/_		**01**	**21-10-2024**	**49**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000596	4	Acceptable				26-10-2024				
8/52/1/_		**01**	**21-10-2024**	**49**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000597	4	Acceptable				26-10-2024				
9/52/1/_		**01**	**21-10-2024**	**49**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000598	4	Acceptable				26-10-2024				
10/52/1/_		**01**	**14-01-2025**	**136**	**AX 453**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-01-2025**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001182	4	Acceptable				20-01-2025				
11/52/1/_		**01**	**18-10-2024**	**46**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000484	4	Acceptable				21-10-2024				
12/52/1/_		**01**	**31-10-2024**	**60-78**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**D**
					AZ39 After Cutting													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000975	4	Cut				10-11-2024				
		RT	C1 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	001002	4	Acceptable				15-11-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
12/52/1/_		**01**	**31-10-2024**	**60-78**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**D**
					AZ39 **After Cutting**													
13/52/1/_		**01**	**18-10-2024**	**46**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000485	4	Acceptable				21-10-2024				
14/52/1/_		**01**	**21-10-2024**	**50**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000571	4	Acceptable				23-10-2024				
15/52/1/_		**01**	**18-10-2024**	**46**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000486	4	Acceptable				21-10-2024				

Totals per DWG	**52**				
		Prefabrication	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
		Accepted	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/53/1/_		**01**	**21-10-2024**	**50**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000568	4	Acceptable				23-10-2024				
3/53/1/_		**01**	**31-10-2024**	**60**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000892	4	Repeat				10-11-2024				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	PR	100 %	000979	1	Acceptable				13-11-2024				
4/53/1/_		**01**	**23-10-2024**	**52**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000813	4	Acceptable				04-11-2024				
5/53/1/_		**01**	**29-10-2024**	**58**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000861	4	Acceptable				09-11-2024				
6/53/1/_		**01**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000862	4	Acceptable				09-11-2024				
7/53/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000632	4	Acceptable				28-10-2024				
8/53/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000633	4	Acceptable				28-10-2024				
9/53/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000634	4	Acceptable				28-10-2024				
10/53/1/_		**01**	**14-01-2025**	**135**	**AX 453**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001183	4	Acceptable				20-01-2025				
11/53/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000487	4	Acceptable				21-10-2024				
12/53/1/_		**01**	**31-10-2024**	**60**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000907	4	Acceptable				10-11-2024				
13/53/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
13/53/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000488	4	Acceptable				21-10-2024				
14/53/1/_		**01**	**21-10-2024**	**50**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000569	4	Acceptable				23-10-2024				
15/53/1/_		**01**	**18-10-2024**	**46-29**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	**D**
					AX84	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000489	4	Acceptable				21-10-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001159	4	Acceptable				16-01-2025				

Totals per DWG	**53**	**Prefabrication**	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
		Accepted	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/54/1/_		**01**	**21-10-2024**	**50**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000564	4	Acceptable				23-10-2024				
3/54/1/_		**01**	**31-10-2024**	**60**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000955	4	Acceptable				11-11-2024				
4/54/1/_		**01**	**21-10-2024**	**50-26**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-01-2025**	**A**
					AX 453	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000565	4	Acceptable				23-10-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001122	4	Acceptable				07-01-2025				
5/54/1/_		**01**	**29-10-2024**	**58**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000863	4	Acceptable				09-11-2024				
6/54/1/_		**01**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000864	4	Acceptable				09-11-2024				
7/54/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000593	4	Acceptable				26-10-2024				
8/54/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000594	4	Acceptable				26-10-2024				
9/54/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**26-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000595	4	Acceptable				26-10-2024				
10/54/1/_		**01**	**13-01-2025**	**133**	**AX 453**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001187	4	Acceptable				21-01-2025				
11/54/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000490	4	Acceptable				21-10-2024				
12/54/1/_		**01**	**04-11-2024**	**62**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000908	4	Acceptable				10-11-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M	Material / Techn. Weld.	WPS / Defect length	Techn. Weld. / CND date	Type Const / NOTE	Accept. Date	Spool
12/54/1/_		**01**	**04-11-2024**	**62**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
13/54/1/_		**01**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000491	4	Acceptable					21-10-2024			
14/54/1/_		**01**	**21-10-2024**	**50**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000566	4	Acceptable					23-10-2024			
15/54/1/_		**01**	**21-10-2024**	**49**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000552	4	Acceptable					23-10-2024			

Totals per DWG	**54**				
Prefabrication	**1,30 m**	**13 Nr. Welds**	**13,00 inch**
Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
Accepted	**1,40 m**	**14 Nr. Welds**	**14,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000681	4	Acceptable				29-10-2024				
2/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000682	4	Acceptable				29-10-2024				
3/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**21-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000500	3	Acceptable				21-10-2024				
4/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**21-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000501	3	Acceptable				21-10-2024				
5/55/1/_		**02**	**21-10-2024**	**49**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000774	3	Acceptable				02-11-2024				
6/55/1/_		**02**	**21-10-2024**	**49**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000775	3	Acceptable				02-11-2024				
7/55/1/_		**02**	**22-10-2024**	**50**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000776	3	Acceptable				02-11-2024				
9/55/1/_		**02**	**21-10-2024**	**49**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000777	3	Acceptable				02-11-2024				
10/55/1/_		**02**	**23-12-2024**	**105**	**AX84**			**TEE**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**27-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001096	3	Acceptable				27-12-2024				
11/55/1/_		**02**	**22-10-2024**	**50**	**AZ39**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000778	3	Acceptable				02-11-2024				
12/55/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000426	3	Acceptable				16-10-2024				
13/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
13/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000683	4	Acceptable				29-10-2024				
14/55/1/_		**02**	**18-10-2024**	**46-78**	**AZ39**	**Welding + Repair done**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**15-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000695	4	Repair			0,018 m	29-10-2024				
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	PR	100 %	001011	3	Acceptable				15-11-2024				
15/55/1/_		**02**	**20-12-2024**	**104**	**AX84**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001090	3	Acceptable				23-12-2024				
16/55/1/_		**02**	**21-10-2024**	**49**	**AZ39**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000768	3	Acceptable				02-11-2024				
17/55/1/_		**02**	**22-10-2024**	**50**	**AZ39**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000769	3	Acceptable				02-11-2024				
18/55/1/_		**02**	**22-10-2024**	**50**	**AZ39**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000770	3	Acceptable				02-11-2024				
19/55/1/_		**02**	**21-10-2024**	**49**	**AZ39**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000771	3	Acceptable				02-11-2024				
20/55/1/_		**02**	**21-10-2024**	**49**	**AZ39**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000699	4	Acceptable				30-10-2024				
21/55/1/_		**02**	**21-10-2024**	**49**	**AZ39**			**RED**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000700	4	Acceptable				30-10-2024				
22/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000684	4	Acceptable				29-10-2024				
23/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000685	4	Acceptable				29-10-2024				
24/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
24/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000686	4	Acceptable				29-10-2024				
25/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**21-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000502	3	Acceptable				21-10-2024				
26/55/1/_		**02**	**18-10-2024**	**46**	**AZ39**			**RED**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**21-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000504	3	Acceptable				21-10-2024				
27/55/1/_		**02**	**18-10-2024**	**46-51**	**AZ39**	**Welding + Repair done**		**TEE**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**03-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000505	3	Repair	0,020 m			21-10-2024				
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	PR	100 %	000803	3	Acceptable				03-11-2024				

Totals per DWG	**55**			
Prefabrication	**8,05 m**	**24 Nr. Welds**	**89,00 inch**
Erection	**0,47 m**	**2 Nr. Welds**	**5,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Accepted	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Repaired	**0,04 m**	**2 Nr. Welds**	**10,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/56/1/_		**02**	**21-10-2024**	**49**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000629	4	Acceptable				28-10-2024				
2/56/1/_		**02**	**21-10-2024**	**49**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000630	4	Acceptable				28-10-2024				
3/56/1/_		**02**	**21-10-2024**	**49**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000631	4	Acceptable				28-10-2024				
4/56/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000909	4	Acceptable				10-11-2024				
5/56/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000910	4	Acceptable				10-11-2024				
6/56/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000865	4	Acceptable				09-11-2024				
7/56/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000866	4	Acceptable				09-11-2024				
8/56/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000867	4	Acceptable				09-11-2024				
9/56/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000868	4	Acceptable				09-11-2024				

Totals per DWG	**56**	**Prefabrication**	**0,90 m**	**9 Nr. Welds**	**9,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,90 m**	**9 Nr. Welds**	**9,00 inch**
		Accepted	**0,90 m**	**9 Nr. Welds**	**9,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000385	4	Acceptable				16-10-2024				
2/57/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000627	4	Acceptable				28-10-2024				
3/57/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000628	4	Acceptable				28-10-2024				
4/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000386	4	Acceptable				16-10-2024				
5/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000387	4	Acceptable				16-10-2024				
6/57/1/_		**02**	**13-01-2025**	**133**	**AX 453**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001160	4	Acceptable				16-01-2025				
7/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000388	4	Acceptable				16-10-2024				
8/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000389	4	Acceptable				16-10-2024				
9/57/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000696	4	Acceptable				29-10-2024				
10/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000390	4	Acceptable				16-10-2024				
11/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000519	4	Acceptable				22-10-2024				
12/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn / Accept. Date	Spool
12/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000520	4	Acceptable				22-10-2024		22-10-2024	
13/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000391	4	Acceptable				16-10-2024		16-10-2024	
14/57/1/_		**02**	**17-10-2024**	**44**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000697	4	Acceptable				29-10-2024		29-10-2024	
15/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000392	4	Acceptable				16-10-2024		16-10-2024	
16/57/1/_		**02**	**14-10-2024**	**41**	**AZ35**		**RED**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000421	3	Acceptable				16-10-2024		16-10-2024	

Totals per DWG	**57**	**Prefabrication**	**1,59 m**	**15 Nr. Welds**	**16,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,69 m**	**16 Nr. Welds**	**17,00 inch**
		Accepted	**1,69 m**	**16 Nr. Welds**	**17,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/58/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**FWN**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000195	3	Acceptable				06-10-2024				
2/58/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000196	3	Acceptable				06-10-2024				
3/58/1/_		**00**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000197	3	Acceptable				06-10-2024				
4/58/1/_		**00**	**09-01-2025**	**127**	**AX84**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001141	3	Acceptable				10-01-2025				
5/58/1/_		**00**	**15-01-2025**	**138**	**AX410**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001173	3	Acceptable				17-01-2025				
6/58/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000226	3	Acceptable				05-10-2024				
7/58/1/_		**00**	**01-10-2024**	**25**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000227	3	Acceptable				05-10-2024				
8/58/1/_		**00**	**27-09-2024**	**21**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000228	3	Acceptable				05-10-2024				
9/58/1/_		**00**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000221	3	Acceptable				05-10-2024				

Totals per DWG	**58**				
Prefabrication	**3,71 m**	**7 Nr. Welds**	**42,00 inch**
Erection	**0,89 m**	**2 Nr. Welds**	**10,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Accepted	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/59/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/59/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**59**	**Prefabrication**	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Accepted	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/60/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/60/1/_		**00**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**60**	**Prefabrication**	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Accepted	**0,20 m**	**2 Nr. Welds**	**2,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/61/1/_		**01**	**23-10-2024**	**52**	**AZ39**			**CAP**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000657	3	Acceptable				29-10-2024				
2/61/1/_		**01**	**23-10-2024**	**52**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000658	3	Acceptable				29-10-2024				
3/61/1/_		**01**	**14-01-2025**	**136**	**AX 453**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001155	4	Acceptable				15-01-2025				
4/61/1/_		**01**	**24-10-2024**	**53**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000659	3	Acceptable				29-10-2024				
5/61/1/_		**01**	**23-10-2024**	**52**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000660	3	Acceptable				29-10-2024				
6/61/1/_		**01**	**15-01-2025**	**139**	**AX 453**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001164	4	Acceptable				16-01-2025				
7/61/1/_		**01**	**31-10-2024**	**60**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000894	3	Acceptable				10-11-2024				
8/61/1/_		**01**	**23-10-2024**	**52**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000661	3	Acceptable				29-10-2024				
9/61/1/_		**01**	**14-01-2025**	**134**	**AX 453**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001161	4	Acceptable				16-01-2025				
10/61/1/_		**01**	**23-10-2024**	**52**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000662	3	Acceptable				29-10-2024				
11/61/1/_		**01**	**24-10-2024**	**53**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000663	3	Acceptable				29-10-2024				
12/61/1/_		**01**	**13-01-2025**	**132**	**AX 453**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-01-2025**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/61/1/_		**01**	**13-01-2025**	**132**	**AX 453**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-01-2025**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001154	4	Acceptable				15-01-2025				
13/61/1/_		**01**	**23-10-2024**	**52**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000664	3	Acceptable				29-10-2024				
14/61/2/_		**01**	**23-12-2024**	**104**	**AX416**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001100	3	Acceptable				30-12-2024				
15/61/2/_		**01**	**23-12-2024**	**104**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001101	3	Acceptable				30-12-2024				
16/61/2/_		**01**	**24-10-2024**	**53**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000754	3	Acceptable				02-11-2024				
17/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000755	3	Acceptable				02-11-2024				
18/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000756	3	Acceptable				02-11-2024				
19/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000758	3	Acceptable				02-11-2024				
20/61/2/_		**01**	**24-10-2024**	**53**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000759	3	Acceptable				02-11-2024				
21/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000760	3	Acceptable				02-11-2024				
22/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000761	3	Acceptable				02-11-2024				
23/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
23/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000762	3	Acceptable					02-11-2024			
24/61/2/_		**01**	**24-10-2024**	**53**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000763	3	Acceptable					02-11-2024			
25/61/2/_		**01**	**22-10-2024**	**50**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000757	3	Acceptable					02-11-2024			
26/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000764	3	Acceptable					02-11-2024			
27/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000765	3	Acceptable					02-11-2024			
28/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000752	3	Acceptable					02-11-2024			
29/61/2/_		**01**	**24-10-2024**	**53-69**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**B**
					AZ36	**Repair done**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000766	3	Repair			0,008 m		02-11-2024			
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	AA	100 %	000895	3	Acceptable					10-11-2024			
30/61/2/_		**01**	**23-10-2024**	**52**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000753	3	Acceptable					02-11-2024			
31/61/2/_		**01**	**23-10-2024**	**52-69**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**B**
					AZ36	**Repair done**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000767	3	Repair			0,008 m		02-11-2024			
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	AA	100 %	000896	3	Acceptable					10-11-2024			

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
32/61/3/_		**02**	**27-12-2024**	**105**	**AX416**			**CAP**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001102	3	Acceptable				30-12-2024				
33/61/3/_		**02**	**24-10-2024**	**53**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000665	3	Acceptable				29-10-2024				
34/61/3/_		**02**	**22-10-2024**	**50**	**AZ39**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000666	3	Acceptable				29-10-2024				
35/61/3/_		**02**	**22-10-2024**	**50**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000667	3	Acceptable				29-10-2024				
36/61/3/_		**02**	**27-12-2024**	**106-142-144**	**AX416**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-01-2025**	
					AX84	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001116	3	Cut				03-01-2025				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001171	3	Acceptable				17-01-2025				
37/61/3/_		**02**	**23-10-2024**	**52**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000668	3	Acceptable				29-10-2024				
38/61/3/_		**02**	**28-12-2024**	**109**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001113	4	Acceptable				03-01-2025				
39/61/3/_		**02**	**31-10-2024**	**60**	**AZ36**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000897	3	Acceptable				10-11-2024				
40/61/3/_		**02**	**23-10-2024**	**52**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000669	3	Acceptable				29-10-2024				
41/61/3/_		**02**	**27-12-2024**	**108-142-144**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**17-01-2025**	
					AX84	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001112	4	Cut				03-01-2025				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001170	4	Acceptable				17-01-2025				
42/61/3/_		**02**	**23-10-2024**	**52**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
42/61/3/_		**02**	**23-10-2024**	**52**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000670	3	Acceptable				29-10-2024				
43/61/3/_		**02**	**24-10-2024**	**53**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000671	3	Acceptable				29-10-2024				
44/61/3/_		**02**	**15-01-2025**	**140**	**AX84**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001165	4	Acceptable				16-01-2025				
45/61/3/_		**02**	**22-10-2024**	**50**	**AZ39**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000672	3	Acceptable				29-10-2024				
46/61/3/_		**02**	**22-10-2024**	**50**	**AZ39**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000673	3	Acceptable				29-10-2024				

Totals per DWG	**61**				
Prefabrication	**5,25 m**	**35 Nr. Welds**	**52,50 inch**
Erection	**1,30 m**	**11 Nr. Welds**	**13,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**6,55 m**	**46 Nr. Welds**	**65,50 inch**
Accepted	**6,55 m**	**46 Nr. Welds**	**65,50 inch**
Repaired	**0,02 m**	**2 Nr. Welds**	**3,00 inch**

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Welding Register

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ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/62/1/_		**00**	**02-09-2024**	**3**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000025	4	Acceptable				11-09-2024				
2/62/1/_		**00**	**09-09-2024**	**5**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/62/1/_		**00**	**22-11-2024**	**48**	**AX410**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/62/1/_		**00**	**31-08-2024**	**2**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/62/1/_		**00**	**02-09-2024**	**3**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/62/1/_		**00**	**03-09-2024**	**4**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/62/1/_		**00**	**09-09-2024**	**5**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/62/1/_		**00**	**03-09-2024**	**4**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/62/1/_		**00**	**03-09-2024**	**4**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/62/1/_		**00**	**25-11-2024**	**47**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/62/1/_		**00**	**02-09-2024**	**3**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/62/1/_		**00**	**09-09-2024**	**7**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/62/1/_		**00**	**09-09-2024**	**7**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/62/2/_		**02**	**25-11-2024**	**47**	**AX410**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-11-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/62/2/_		**02**	**09-09-2024**	**5**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/62/2/_		**02**	**02-09-2024**	**3**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
16/62/2/_		**02**	**03-09-2024**	**4**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
17/62/2/_		**02**	**02-09-2024**	**3**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
18/62/2/_		**02**	**02-09-2024**	**3**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000026	4	Acceptable				11-09-2024				
19/62/2/_		**02**	**13-12-2024**	**83**	**AX410**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**14-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
20/62/2/_		**02**	**02-09-2024**	**3**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
21/62/2/_		**02**	**09-09-2024**	**5**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000048	4	Acceptable				18-09-2024				
22/62/2/_		**02**	**09-09-2024**	**5-12-13-17**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**17-12-2024**	**E**
					AX410 **After Cutting**													
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders			Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions		Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
22/62/2/_		**02**	**09-09-2024**	**5-12-13-17**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**17-12-2024**	**E**
					AX410	**After Cutting**													
23/62/2/_		**02**	**16-12-2024**	**88**	**AX410**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**16-12-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
25/62/2/_		**02**	**09-09-2024**	**5**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
26/62/2/_		**02**	**02-09-2024**	**3**	**AZ52**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
27/62/2/_		**02**	**09-09-2024**	**7**	**AZ52**			**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
28/62/2/_		**02**	**09-09-2024**	**1**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Totals per DWG	**62**	**Prefabrication**	**2,20 m**	**22 Nr. Welds**	**22,00 inch**
		Erection	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,70 m**	**27 Nr. Welds**	**27,00 inch**
		Accepted	**2,70 m**	**27 Nr. Welds**	**27,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/63/1/_		**01**	**07-10-2024**	**31**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000275	3	Acceptable					09-10-2024			
2/63/1/_		**01**	**07-10-2024**	**32**	**AZ35**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000278	3	Acceptable					09-10-2024			
3/63/1/_		**01**	**07-10-2024**	**31**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000276	3	Acceptable					09-10-2024			
4/63/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000273	3	Acceptable					09-10-2024			
5/63/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000274	3	Acceptable					09-10-2024			
6/63/1/_		**01**	**17-01-2025**	**146**	**AX410**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001178	3	Acceptable					18-01-2025			
7/63/1/_		**01**	**07-10-2024**	**31**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000296	3	Acceptable					10-10-2024			
8/63/1/_		**01**	**17-01-2025**	**148**	**AX410**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001180	3	Acceptable					18-01-2025			
9/63/1/_		**01**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000297	3	Acceptable					10-10-2024			
10/63/1/_		**01**	**17-01-2025**	**147**	**AX410**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001181	3	Acceptable					18-01-2025			
11/63/1/_		**01**	**07-10-2024**	**31**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000298	3	Acceptable					10-10-2024			
12/63/1/_		**01**	**09-10-2024**	**35**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
12/63/1/_		**01**	**09-10-2024**	**35**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000436	3	Acceptable					16-10-2024			
13/63/1/_		**01**	**09-10-2024**	**35**	**AZ35**		**RED**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000424	3	Acceptable					16-10-2024			

Totals per DWG	**63**	**Prefabrication**	**3,52 m**	**10 Nr. Welds**	**39,00 inch**
		Erection	**1,08 m**	**3 Nr. Welds**	**12,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**4,60 m**	**13 Nr. Welds**	**51,00 inch**
		Accepted	**4,60 m**	**13 Nr. Welds**	**51,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/64/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000911	4	Acceptable				10-11-2024				
2/64/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000912	4	Acceptable				10-11-2024				
3/64/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000869	4	Acceptable				09-11-2024				
4/64/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000870	4	Acceptable				09-11-2024				
5/64/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000913	4	Acceptable				10-11-2024				
6/64/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000914	4	Acceptable				10-11-2024				
7/64/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000915	4	Acceptable				10-11-2024				
8/64/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000916	4	Acceptable				10-11-2024				
9/64/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000917	4	Acceptable				10-11-2024				
10/64/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000918	4	Acceptable				10-11-2024				
11/64/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000620	4	Acceptable				28-10-2024				
12/64/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
12/64/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000621	4	Acceptable				28-10-2024				
13/64/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000622	4	Acceptable				28-10-2024				
14/64/1/_		**02**	**21-10-2024**	**50**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000567	4	Acceptable				23-10-2024				
15/64/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000837	4	Acceptable				06-11-2024				
16/64/1/_		**02**	**12-12-2024**	**89**	**AX410**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**17-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001067	4	Acceptable				16-12-2024				
17/64/1/_		**02**	**23-10-2024**	**52-69**	**AZ36**	**Welding + Repair done**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000799	4	Cut				03-11-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	000889	4	Acceptable				10-11-2024				
19/64/1/_		**02**	**23-10-2024**	**52**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000800	4	Acceptable				03-11-2024				
20/64/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000838	4	Acceptable				06-11-2024				
21/64/1/_		**02**	**21-10-2024**	**50**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000602	4	Repeat				28-10-2024				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	PR	100 %	000801	4	Acceptable				03-11-2024				
22/64/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000839	4	Acceptable				06-11-2024				
23/64/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000840	4	Acceptable				06-11-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
23/64/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**F**
24/64/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000814	4	Acceptable					04-11-2024			
25/64/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000606	4	Repeat					28-10-2024			
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	PR	100 %	000716	4	Acceptable					30-10-2024			
26/64/1/_		**02**	**04-11-2024**	**53-67**	**AZ39**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000820	4	Acceptable					06-11-2024			

Totals per DWG	**64**	**Prefabrication**	**2,36 m**	**24 Nr. Welds**	**23,50 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Accepted	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/65/1/_		**00**	**12-09-2024**	**8**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01HSS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000056	4	Acceptable				18-09-2024				
3/65/1/_		**00**	**11-09-2024**	**7**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/65/1/_		**00**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**B**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
6/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/65/1/_		**00**	**06-12-2024**	**67**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**06-12-2024**	
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**C**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/65/1/_		**00**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**C**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
10/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**C**
01HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/65/1/_		**00**	**11-09-2024**	**7**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**C**
01HSS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000062	4	Acceptable				18-09-2024				
12/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE			
12/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**C**
01HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/65/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**C**
01HSS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**65**	**Prefabrication**	**1,18 m**	**12 Nr. Welds**	**11,75 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Accepted	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/66/1/_		**00**	**02-09-2024**	**3**	**AZ52**			**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/66/1/_		**00**	**02-09-2024**	**3**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/66/1/_		**00**	**25-09-2024**	**16**	**AZ53**			**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/66/1/_		**00**	**02-09-2024**	**3**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/66/1/_		**00**	**02-09-2024**	**3**	**AZ52**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
6/66/1/_		**00**	**31-08-2024**	**2**	**AZ52**			**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/66/1/_		**00**	**31-08-2024**	**2**	**AZ52**			**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/66/1/_		**00**	**31-08-2024**	**2**	**AZ52**			**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000027	4	Acceptable					11-09-2024			
10/66/1/_		**00**	**31-08-2024**	**2**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/66/1/_		**00**	**07-09-2024**	**6**	**AZ52**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000049	4	Acceptable					18-09-2024			
12/66/1/_		**00**	**31-08-2024**	**2**	**AZ52**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/66/1/_		**00**	**02-09-2024**	**3**	**AZ52**			**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
13/66/1/_		**00**	**02-09-2024**	**3**	**AZ52**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/66/1/_		**00**	**02-09-2024**	**3**	**AZ52**		**RED**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**66**	**Prefabrication**	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Accepted	**1,28 m**	**13 Nr. Welds**	**12,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/67/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**FWN**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/67/1/_		**00**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/67/1/_		**00**	**23-09-2024**	**13**	**AZ53**		**ELB**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**67**	**Prefabrication**	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Accepted	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/68/1/_		**03**	**16-10-2024**	**45**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000651	4	Acceptable				29-10-2024				
2/68/1/_		**03**	**16-10-2024**	**45-34**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-02-2025**	**A**
					AX 453	**After Cutting**													
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000652	4	Acceptable				29-10-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	100 %	001198	4	Acceptable				03-02-2025				
3/68/1/_		**03**	**28-11-2024**	**57**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**04-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001030	4	Acceptable				04-12-2024				
4/68/1/_		**03**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000492	4	Acceptable				21-10-2024				
5/68/1/_		**03**	**16-10-2024**	**45**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000474	4	Acceptable				21-10-2024				
6/68/1/_		**03**	**18-10-2024**	**46**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000493	4	Acceptable				21-10-2024				
7/68/1/_		**03**	**29-11-2024**	**56-80**	**AX416**	**Welding + Repair done**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001031	4	Repeat				04-12-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001047	4	Acceptable				11-12-2024				
8/68/1/_		**03**	**18-10-2024**	**46**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**C**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000494	4	Acceptable				21-10-2024				
9/68/1/_		**03**	**29-11-2024**	**56-76**	**AX416**	**Welding + Repair done**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**12-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001032	4	Cut				04-12-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001048	4	Acceptable				11-12-2024				
10/68/1/_		**03**	**17-10-2024**	**44**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000653	4	Acceptable				29-10-2024				
11/68/1/_		**03**	**17-10-2024**	**44**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
11/68/1/_		**03**	**17-10-2024**	**44**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000654	4	Acceptable				29-10-2024				
12/68/1/_		**03**	**19-12-2024**	**98**	**AX416**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001084	4	Acceptable				23-12-2024				
27/68/1/_		**03**	**01-02-2025**	**155**	**AX 453**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**03-02-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001197	4	Acceptable				03-02-2025				
13/68/2/_		**03**	**18-10-2024**	**46**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000496	4	Acceptable				21-10-2024				
14/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**E**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000495	4	Acceptable				21-10-2024				
15/68/2/_		**03**	**14-12-2024**	**86**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-12-2024**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001061	4	Acceptable				16-12-2024				
16/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**F**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000497	4	Acceptable				21-10-2024				
17/68/2/_		**03**	**18-10-2024**	**46**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000655	4	Acceptable				29-10-2024				
18/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**F**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000498	4	Acceptable				21-10-2024				
19/68/2/_		**03**	**18-10-2024**	**47**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000656	4	Acceptable				29-10-2024				
20/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-10-2024**	**F**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000475	4	Acceptable				21-10-2024				
21/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**G**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
21/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**G**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000623	4	Acceptable				28-10-2024				
22/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**G**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000624	4	Acceptable				28-10-2024				
23/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**H**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000625	4	Acceptable				28-10-2024				
24/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**H**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000626	4	Acceptable				28-10-2024				
25/68/2/_		**03**	**16-10-2024**	**45**	**AZ36**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**I**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000642	4	Acceptable				29-10-2024				
26/68/2/_		**03**	**07-12-2024**	**81**	**AX416**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-12-2024**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001062	4	Acceptable				16-12-2024				

Totals per DWG	**68**	**Prefabrication**	**1,98 m**	**20 Nr. Welds**	**19,75 inch**
		Erection	**0,70 m**	**7 Nr. Welds**	**7,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,68 m**	**27 Nr. Welds**	**26,75 inch**
		Accepted	**2,68 m**	**27 Nr. Welds**	**26,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/69/1/_		**00**	**04-10-2024**	**29**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000286	4	Acceptable				10-10-2024				
2/69/1/_		**00**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000287	4	Acceptable				10-10-2024				
3/69/1/_		**00**	**04-10-2024**	**29**	**AZ36**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000285	4	Acceptable				10-10-2024				
4/69/2/_		**00**	**04-10-2024**	**29**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000407	4	Acceptable				16-10-2024				
5/69/2/_		**00**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000408	4	Acceptable				16-10-2024				
6/69/2/_		**00**	**04-10-2024**	**29**	**AZ36**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000382	4	Acceptable				16-10-2024				

Totals per DWG	**69**	**Prefabrication**	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Accepted	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/70/1/_		**00**	**04-10-2024**	**29**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000261	4	Acceptable					09-10-2024			
2/70/1/_		**00**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000262	4	Acceptable					09-10-2024			
3/70/1/_		**00**	**04-10-2024**	**29**	**AZ36**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000263	4	Acceptable					09-10-2024			
4/70/2/_		**00**	**04-10-2024**	**29**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000402	4	Acceptable					16-10-2024			
5/70/2/_		**00**	**04-10-2024**	**29**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000403	4	Acceptable					16-10-2024			
6/70/2/_		**00**	**04-10-2024**	**29**	**AZ36**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000380	4	Acceptable					16-10-2024			

Totals per DWG	**70**	**Prefabrication**	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Accepted	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/71/1/_		**01**	**09-10-2024**	**35**	**AZ35**		**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000449	3	Acceptable				16-10-2024				
2/71/1/_		**01**	**10-10-2024**	**38**	**AZ35**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000453	3	Acceptable				16-10-2024				
3/71/1/_		**01**	**10-10-2024**	**38**	**AZ35**		**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000406	4	Acceptable				16-10-2024				

Totals per DWG	**71**			
Prefabrication	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Accepted	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material	WPS / Defect length	Techn. Weld. / CND date	Type Conn / NOTE	Accept. Date	Spool
1/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000427	3	Acceptable					16-10-2024			
2/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000428	3	Acceptable					16-10-2024			
3/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000429	3	Acceptable					16-10-2024			
4/72/1/_		**02**	**14-10-2024**	**43**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000444	3	Acceptable					16-10-2024			
5/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000430	3	Acceptable					16-10-2024			
6/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000431	3	Acceptable					16-10-2024			
7/72/1/_		**02**	**17-10-2024**	**44-51**	**AZ39**	**Welding + Repair done**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**02-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000503	3	Repair				0,015 m	21-10-2024			
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	PR	100 %	000772	3	Acceptable					02-11-2024			
9/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000432	3	Acceptable					16-10-2024			
10/72/1/_		**02**	**23-12-2024**	**106**	**AX84**			**TEE**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**27-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001098	3	Acceptable					27-12-2024			
11/72/1/_		**02**	**14-10-2024**	**41-48**	**AZ36**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**02-11-2024**	**B**
					AZ39	**Repair done**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000443	3	Repair				0,020 m	16-10-2024			
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	PR	100 %	000773	3	Acceptable					02-11-2024			
12/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000433	3	Acceptable					16-10-2024			

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
12/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
13/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000534	3	Acceptable				22-10-2024				
14/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000535	3	Acceptable				22-10-2024				
15/72/1/_		**02**	**28-12-2024**	**109**	**AX84**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001107	3	Acceptable				30-12-2024				
16/72/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000674	4	Acceptable				29-10-2024				
17/72/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000675	4	Acceptable				29-10-2024				
18/72/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000676	4	Acceptable				29-10-2024				
19/72/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000677	4	Acceptable				29-10-2024				
20/72/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000559	3	Acceptable				23-10-2024				
21/72/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**RED**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000560	3	Acceptable				23-10-2024				
22/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000536	3	Acceptable				22-10-2024				
23/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**24-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000591	3	Acceptable				24-10-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
23/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**24-10-2024**	**F**
24/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000537	3	Acceptable				22-10-2024				
25/72/1/_		**02**	**14-10-2024**	**41**	**AZ36**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000434	3	Acceptable				16-10-2024				
26/72/1/_		**02**	**16-10-2024**	**43**	**AZ39**		**RED**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000578	3	Acceptable				23-10-2024				
27/72/1/_		**02**	**16-10-2024**	**43**	**AZ39**		**TEE**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000579	3	Acceptable				23-10-2024				

Totals per DWG	**72**				
Prefabrication	**8,05 m**	**24 Nr. Welds**	**89,00 inch**
Erection	**0,47 m**	**2 Nr. Welds**	**5,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Accepted	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Repaired	**0,04 m**	**2 Nr. Welds**	**8,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/73/1/_		**00**	**27-09-2024**	**21**	**AZ39**			**FWN**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000198	3	Acceptable				06-10-2024				
2/73/1/_		**00**	**27-09-2024**	**21**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000199	3	Acceptable				06-10-2024				
3/73/1/_		**00**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000200	3	Acceptable				06-10-2024				
4/73/1/_		**00**	**14-01-2025**	**135**	**AX410**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001156	3	Acceptable				15-01-2025				
5/73/1/_		**00**	**14-01-2025**	**138**	**AX410**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001157	3	Acceptable				15-01-2025				
6/73/1/_		**00**	**28-09-2024**	**20**	**AZ39**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000210	3	Acceptable				05-10-2024				
7/73/1/_		**00**	**01-10-2024**	**25**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000211	3	Acceptable				05-10-2024				
8/73/1/_		**00**	**27-09-2024**	**22**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000212	3	Acceptable				05-10-2024				
9/73/1/_		**00**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000215	3	Acceptable				05-10-2024				

Totals per DWG	**73**				
Prefabrication	**3,71 m**	**7 Nr. Welds**	**42,00 inch**
Erection	**0,89 m**	**2 Nr. Welds**	**10,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Accepted	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/74/1/_		**00**	**30-09-2024**	**21**	**AZ53**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000153	4	Acceptable				06-10-2024				
2/74/1/_		**00**	**30-09-2024**	**21**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000154	4	Acceptable				06-10-2024				
3/74/1/_		**00**	**30-09-2024**	**21**	**AZ53**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000170	4	Acceptable				06-10-2024				
4/74/2/_		**00**	**30-09-2024**	**21**	**AZ53**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000109	4	Acceptable				04-10-2024				
5/74/2/_		**00**	**30-09-2024**	**21**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000110	4	Acceptable				04-10-2024				
6/74/2/_		**00**	**30-09-2024**	**21**	**AZ53**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000111	4	Acceptable				04-10-2024				

Totals per DWG	**74**	**Prefabrication**	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Accepted	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/75/1/_		**00**	**09-10-2024**	**35**	**AZ35**		**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000450	3	Acceptable				16-10-2024				
2/75/1/_		**00**	**09-10-2024**	**35**	**AZ35**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000445	3	Acceptable				16-10-2024				
3/75/1/_		**00**	**09-10-2024**	**35**	**AZ35**		**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000405	4	Acceptable				16-10-2024				

Totals per DWG	**75**	**Prefabrication**	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Accepted	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000540	3	Acceptable				22-10-2024				
2/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000592	3	Acceptable				22-10-2024				
3/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000542	3	Acceptable				22-10-2024				
4/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000543	3	Acceptable				22-10-2024				
5/76/1/_		**02**	**10-10-2024**	**38**	**AZ35**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000345	3	Acceptable				14-10-2024				
6/76/1/_		**02**	**10-10-2024**	**38**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000344	3	Acceptable				14-10-2024				
7/76/1/_		**02**	**14-10-2024**	**41**	**AZ35**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000541	3	Acceptable				22-10-2024				
9/76/1/_		**02**	**10-10-2024**	**38**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000343	3	Acceptable				14-10-2024				
10/76/1/_		**02**	**23-12-2024**	**104-120**	**AX84**		**TEE**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**08-01-2025**	
					AX 453													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001091	3	Repair			0,025 m	27-12-2024				
		RT	R 1 DRI	After Repair	IDL-QCI-RT 0036 00	AA	100 %	001123	3	Acceptable				07-01-2025				
11/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**		**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000544	3	Acceptable				22-10-2024				
12/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000574	3	Acceptable				23-10-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
12/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**B**
13/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000529	3	Acceptable				22-10-2024				
14/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000530	3	Acceptable				22-10-2024				
15/76/1/_		**02**	**28-12-2024**	**109**	**AX84**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001105	3	Acceptable				30-12-2024				
16/76/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000525	3	Acceptable				22-10-2024				
17/76/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000526	3	Acceptable				22-10-2024				
18/76/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000527	3	Acceptable				22-10-2024				
19/76/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000528	3	Acceptable				22-10-2024				
20/76/1/_		**02**	**10-10-2024**	**38**	**AZ35**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000375	3	Acceptable				15-10-2024				
21/76/1/_		**02**	**10-10-2024**	**38**	**AZ35**			**RED**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**15-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000376	3	Acceptable				15-10-2024				
22/76/1/_		**02**	**14-10-2024**	**41**	**AZ35**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000531	3	Acceptable				22-10-2024				
23/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000532	3	Acceptable				22-10-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
23/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**F**
24/76/1/_		**02**	**11-10-2024**	**40**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000533	3	Acceptable					22-10-2024			
25/76/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000573	3	Acceptable					23-10-2024			
26/76/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**RED**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000580	3	Acceptable					23-10-2024			
27/76/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**TEE**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000581	3	Acceptable					23-10-2024			

Totals per DWG	**76**				
Prefabrication	**8,05 m**	**24 Nr. Welds**	**89,00 inch**
Erection	**0,47 m**	**2 Nr. Welds**	**5,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Accepted	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Repaired	**0,03 m**	**1 Nr. Welds**	**3,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/77/1/_		**00**	**30-09-2024**	**23**	**AZ39**		**FWN**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000201	3	Acceptable				06-10-2024				
2/77/1/_		**00**	**30-09-2024**	**23**	**AZ39**		**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000202	3	Acceptable				06-10-2024				
3/77/1/_		**00**	**03-10-2024**	**28**	**AZ39**		**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000329	3	Repeat				12-10-2024				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	000576	3	Acceptable				23-10-2024				
4/77/1/_		**00**	**12-01-2025**	**132**	**AX410**		**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001147	3	Repeat				13-01-2025				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	001151	3	Acceptable				14-01-2025				
5/77/1/_		**00**	**13-01-2025**	**134**	**AX410**		**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001152	3	Acceptable				14-01-2025				
6/77/1/_		**00**	**28-09-2024**	**20-33**	**AZ39**	**Welding + Repair done**	**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**17-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000229	3	Repair			0,012 m	05-10-2024				
		RT	R 1 DRI	After Repair	IDL-QCI-RT 0036 00	AA	100 %	000471	3	Acceptable				17-10-2024				
7/77/1/_		**00**	**01-10-2024**	**25**	**AZ39**		**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000213	3	Acceptable				05-10-2024				
8/77/1/_		**00**	**27-09-2024**	**21**	**AZ39**		**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000216	3	Acceptable				05-10-2024				
9/77/1/_		**00**	**02-10-2024**	**26**	**AZ39**		**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000214	3	Acceptable				05-10-2024				

Totals per DWG	**77**	**Prefabrication**	**3,71 m**	**7 Nr. Welds**	**42,00 inch**
		Erection	**0,89 m**	**2 Nr. Welds**	**10,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
		Accepted	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
		Repaired	**0,01 m**	**1 Nr. Welds**	**6,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/78/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000155	4	Acceptable				06-10-2024				
2/78/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000156	4	Acceptable				06-10-2024				
3/78/1/_		**01**	**30-09-2024**	**21**	**AZ53**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000169	4	Acceptable				06-10-2024				
4/78/2/_		**01**	**30-09-2024**	**21**	**AZ53**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000157	4	Acceptable				06-10-2024				
5/78/2/_		**01**	**30-09-2024**	**21**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000158	4	Acceptable				06-10-2024				
6/78/2/_		**01**	**30-09-2024**	**21**	**AZ53**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000168	4	Acceptable				06-10-2024				

Totals per DWG	**78**	**Prefabrication**	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Accepted	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/79/1/_		**01**	**09-10-2024**	**35**	**AZ35**		**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000447	3	Acceptable				16-10-2024				
2/79/1/_		**01**	**10-10-2024**	**38**	**AZ35**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000452	3	Acceptable				16-10-2024				
3/79/1/_		**01**	**10-10-2024**	**38**	**AZ35**		**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000396	4	Acceptable				16-10-2024				

Totals per DWG	**79**			
Prefabrication	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Accepted	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/80/1/_		**01**	**04-10-2024**	**29**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000299	3	Acceptable				10-10-2024				
2/80/1/_		**01**	**04-10-2024**	**29**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**10-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000300	3	Acceptable				10-10-2024				
3/80/1/_		**01**	**04-10-2024**	**29**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000316	3	Acceptable				11-10-2024				
4/80/1/_		**01**	**09-10-2024**	**35**	**AZ36**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000347	3	Acceptable				14-10-2024				
5/80/1/_		**01**	**04-10-2024**	**29**	**AZ35**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000317	3	Acceptable				11-10-2024				
6/80/1/_		**01**	**04-10-2024**	**29**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000318	3	Acceptable				11-10-2024				
7/80/1/_		**01**	**11-10-2024**	**40**	**AZ36**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000435	3	Acceptable				16-10-2024				
9/80/1/_		**01**	**07-10-2024**	**31**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000320	3	Acceptable				11-10-2024				
10/80/1/_		**01**	**23-12-2024**	**104**	**AX84**		**TEE**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**27-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001092	3	Acceptable				27-12-2024				
11/80/1/_		**01**	**09-10-2024**	**35**	**AZ36**		**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000346	3	Acceptable				14-10-2024				
12/80/1/_		**01**	**04-10-2024**	**29**	**AZ35**		**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000319	3	Acceptable				11-10-2024				
13/80/1/_		**01**	**08-10-2024**	**34-23**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**27-12-2024**	**C**
					AX84	**After Cutting**												

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
13/80/1/_		**01**	**08-10-2024**	**34-23**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**27-12-2024**	**C**
					AX84 **After Cutting**													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000306	4	Acceptable				11-10-2024				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	001093	3	Acceptable				27-12-2024				
14/80/1/_		**01**	**07-10-2024**	**34**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000279	3	Acceptable				09-10-2024				
15/80/1/_		**01**	**23-12-2024**	**105**	**AX84**		**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001095	3	Repeat				27-12-2024				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	001104	1	Acceptable				30-12-2024				
16/80/1/_		**01**	**04-10-2024**	**29**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000266	3	Acceptable				09-10-2024				
17/80/1/_		**01**	**07-10-2024**	**31**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000267	3	Acceptable				09-10-2024				
18/80/1/_		**01**	**07-10-2024**	**31**	**AZ35**		**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000268	3	Acceptable				09-10-2024				
19/80/1/_		**01**	**07-10-2024**	**31**	**AZ35**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000265	3	Acceptable				09-10-2024				
20/80/1/_		**01**	**03-10-2024**	**27**	**AZ35**		**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000269	3	Acceptable				09-10-2024				
21/80/1/_		**01**	**03-10-2024**	**27**	**AZ35**		**RED**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000271	3	Acceptable				09-10-2024				
22/80/1/_		**01**	**08-10-2024**	**34**	**AZ35**		**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000307	4	Acceptable				11-10-2024				
23/80/1/_		**01**	**08-10-2024**	**32**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000308	4	Acceptable				11-10-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
23/80/1/_		**01**	**08-10-2024**	**32**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**F**
24/80/1/_		**01**	**08-10-2024**	**32**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000309	4	Acceptable				11-10-2024				
25/80/1/_		**01**	**07-10-2024**	**32**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000277	4	Acceptable				09-10-2024				
26/80/1/_		**01**	**07-10-2024**	**32**	**AZ35**		**RED**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000282	3	Acceptable				09-10-2024				
27/80/1/_		**01**	**07-10-2024**	**32**	**AZ35**		**TEE**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000283	3	Acceptable				09-10-2024				

Totals per DWG	**80**				
Prefabrication	**8,05 m**	**24 Nr. Welds**	**89,00 inch**
Erection	**0,47 m**	**2 Nr. Welds**	**5,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Accepted	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/81/1/_		**01**	**30-09-2024**	**23**	**AZ39**			**FWN**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000203	3	Acceptable				06-10-2024				
2/81/1/_		**01**	**30-09-2024**	**23**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000260	3	Acceptable				07-10-2024				
3/81/1/_		**01**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000204	3	Acceptable				06-10-2024				
4/81/1/_		**01**	**09-01-2025**	**128**	**AX 453**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001140	3	Acceptable				10-01-2025				
5/81/1/_		**01**	**12-01-2025**	**131**	**AX 453**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001146	3	Acceptable				13-01-2025				
6/81/1/_		**01**	**28-09-2024**	**20**	**AZ39**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000218	3	Acceptable				05-10-2024				
7/81/1/_		**01**	**01-10-2024**	**25**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000220	3	Acceptable				05-10-2024				
8/81/1/_		**01**	**27-09-2024**	**21**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000217	3	Acceptable				05-10-2024				
9/81/1/_		**01**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000219	3	Acceptable				05-10-2024				

Totals per DWG	**81**				
Prefabrication	**3,71 m**	**7 Nr. Welds**	**42,00 inch**
Erection	**0,89 m**	**2 Nr. Welds**	**10,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Accepted	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/82/1/_		**01**	**03-10-2024**	**28**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**12-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000326	4	Acceptable				12-10-2024				
2/82/1/_		**01**	**03-10-2024**	**28**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**12-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000327	4	Acceptable				12-10-2024				
3/82/1/_		**01**	**03-10-2024**	**28**	**AZ39**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**12-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000328	4	Acceptable				12-10-2024				
4/82/2/_		**01**	**30-09-2024**	**21**	**AZ53**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000159	4	Acceptable				06-10-2024				
5/82/2/_		**01**	**30-09-2024**	**21**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000160	4	Acceptable				06-10-2024				
6/82/2/_		**01**	**30-09-2024**	**21**	**AZ53**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000167	4	Acceptable				06-10-2024				

Totals per DWG	**82**	**Prefabrication**	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Accepted	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/83/1/_		**01**	**09-10-2024**	**35**	**AZ35**			**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000446	3	Acceptable				16-10-2024				
2/83/1/_		**01**	**10-10-2024**	**38**	**AZ35**			**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000451	3	Acceptable				16-10-2024				
3/83/1/_		**01**	**10-10-2024**	**38**	**AZ35**			**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000395	4	Acceptable				16-10-2024				

Totals per DWG	**83**			
Prefabrication	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Accepted	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000547	3	Acceptable				22-10-2024				
2/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000548	3	Acceptable				22-10-2024				
3/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000687	4	Acceptable				29-10-2024				
4/84/1/_		**02**	**16-10-2024**	**43**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000688	4	Acceptable				29-10-2024				
5/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000689	4	Acceptable				29-10-2024				
6/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000690	4	Acceptable				29-10-2024				
7/84/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000691	4	Acceptable				29-10-2024				
9/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000692	4	Acceptable				29-10-2024				
10/84/1/_		**02**	**28-12-2024**	**109**	**AX84**			**TEE**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-01-2025**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001108	3	Repeat				30-12-2024				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	PR	100 %	001109	1	Acceptable				02-01-2025				
11/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000693	4	Acceptable				29-10-2024				
12/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**29-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000694	4	Acceptable				29-10-2024				
13/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
13/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000549	3	Acceptable				22-10-2024				
14/84/1/_		**02**	**11-10-2024**	**40-78-80**	**AZ39**	**Welding + Repair done**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**21-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000551	3	Repair			0,008 m	22-10-2024				
		RT	R1 DRI	After Repair		IDL-QCI-RT 0036 00	PR	100 %	001012	3	Repair			0,008 m	15-11-2024				
		RT	R2 DRI	After Repair		IDL-QCI-RT 0036 00	AA	100 %	001016	3	Acceptable				21-11-2024				
15/84/1/_		**02**	**28-12-2024**	**109**	**AX84**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001106	3	Acceptable				30-12-2024				
16/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000678	4	Acceptable				29-10-2024				
17/84/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000679	4	Acceptable				29-10-2024				
18/84/1/_		**02**	**17-10-2024**	**44**	**AZ39**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**21-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001015	3	Acceptable				21-11-2024				
19/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000680	4	Acceptable				29-10-2024				
20/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000420	3	Acceptable				16-10-2024				
21/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**RED**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000425	3	Acceptable				16-10-2024				
22/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000550	3	Acceptable				22-10-2024				
23/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000545	3	Acceptable				22-10-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M	Material / Techn. Weld.	WPS / Defect length	Techn. Weld. / CND date	Type Conn / NOTE	Accept. Date	Spool
23/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000546	3	Acceptable					22-10-2024			
24/84/1/_		**02**	**11-10-2024**	**40**	**AZ39**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000546	3	Acceptable					22-10-2024			
25/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000575	3	Acceptable					23-10-2024			
26/84/1/_		**02**	**15-10-2024**	**42**	**AZ39**			**RED**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000582	3	Acceptable					23-10-2024			
27/84/1/_		**02**	**15-10-2024**	**42-57-81-82-83**	**AZ39**	**Welding + Repair done**		**TEE**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**17-12-2024**	**E**
					AZ36	**Welding + Repair done**													
					AZ53	**Repair done**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000583	3	Repair	0,040 m				23-10-2024			
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	AA	100 %	001026	3	Repair	0,022 m				25-11-2024			
		RT	R 2 DRI	After Repair		IDL-QCI-RT 0036 00	PR	100 %	001027	3	Repair	0,020 m				29-11-2024			
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001043	3	Repair	0,020 m				06-12-2024			
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	AA	100 %	001068	3	Acceptable					17-12-2024			

Totals per DWG	**84**	**Prefabrication**	**8,05 m**	**24 Nr. Welds**	**89,00 inch**
		Erection	**0,47 m**	**2 Nr. Welds**	**5,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
		Accepted	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
		Repaired	**0,12 m**	**6 Nr. Welds**	**32,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/85/1/_		**00**	**27-09-2024**	**21**	**AZ39**			**FWN**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000205	3	Acceptable				06-10-2024				
2/85/1/_		**00**	**27-09-2024**	**21**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000206	3	Acceptable				06-10-2024				
3/85/1/_		**00**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000207	3	Acceptable				06-10-2024				
4/85/1/_		**00**	**14-01-2025**	**137**	**AX 453**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001158	3	Acceptable				15-01-2025				
5/85/1/_		**00**	**14-01-2025**	**138**	**AX84**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001163	3	Acceptable				16-01-2025				
6/85/1/_		**00**	**03-10-2024**	**28**	**AZ39**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000330	3	Repeat				12-10-2024				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	AA	100 %	000577	3	Acceptable				23-10-2024				
7/85/1/_		**00**	**03-10-2024**	**27**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000209	3	Acceptable				05-10-2024				
8/85/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000208	3	Acceptable				05-10-2024				
9/85/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000194	3	Acceptable				06-10-2024				

Totals per DWG	**85**				
Prefabrication	**3,71 m**	**7 Nr. Welds**	**42,00 inch**
Erection	**0,89 m**	**2 Nr. Welds**	**10,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Accepted	**4,60 m**	**9 Nr. Welds**	**52,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/86/1/_		**01**	**30-09-2024**	**21-37-51**	**AZ53**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**A**
					AZ36 Welding + Repair done													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000161	4	Cut				06-10-2024				
		RT	C1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	000374	4	Cut				15-10-2024				
		RT	C2 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	000751	4	Acceptable				02-11-2024				
2/86/1/_		**01**	**30-09-2024**	**21**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000162	4	Acceptable				06-10-2024				
3/86/1/_		**01**	**30-09-2024**	**21**	**AZ53**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000166	4	Acceptable				06-10-2024				
4/86/2/_		**01**	**30-09-2024**	**21**	**AZ53**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000163	4	Acceptable				06-10-2024				
5/86/2/_		**01**	**30-09-2024**	**21-55**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**B**
					AZ39 After Cutting													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000164	4	Cut				06-10-2024				
		RT	C1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	000558	4	Cut				23-10-2024				
		RT	C2 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	000734	4	Acceptable				30-10-2024				
6/86/2/_		**01**	**30-09-2024**	**21**	**AZ53**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000165	4	Acceptable				06-10-2024				

Totals per DWG	**86**	**Prefabrication**	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Accepted	**0,56 m**	**6 Nr. Welds**	**5,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/87/1/_		**01**	**09-10-2024**	**35**	**AZ35**		**RED**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000524	3	Acceptable				22-10-2024				
2/87/1/_		**01**	**10-10-2024**	**38**	**AZ35**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000455	3	Acceptable				16-10-2024				
3/87/1/_		**01**	**10-10-2024**	**38**	**AZ35**		**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000394	4	Acceptable				16-10-2024				

Totals per DWG	**87**	**Prefabrication**	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Accepted	**0,40 m**	**3 Nr. Welds**	**4,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/88/1/_		**02**	**08-10-2024**	**32**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000538	3	Acceptable				22-10-2024				
2/88/1/_		**02**	**08-10-2024**	**32**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000539	3	Acceptable				22-10-2024				
3/88/1/_		**02**	**04-10-2024**	**29**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000312	3	Acceptable				11-10-2024				
4/88/1/_		**02**	**09-10-2024**	**35**	**AZ36**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000348	3	Acceptable				14-10-2024				
5/88/1/_		**02**	**04-10-2024**	**29**	**AZ35**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000313	3	Acceptable				11-10-2024				
6/88/1/_		**02**	**04-10-2024**	**29-65-78-80**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**21-11-2024**	**B**
					AZ39	**Welding + Repair done**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000321	3	Repair			0,020 m	11-10-2024				
		RT	R 1 DRI	After Repair		IDL-QCI-RT 0036 00	AA	100 %	000972	3	Repair			0,003 m	11-11-2024				
		RT	R 2 DRI	After Repair		IDL-QCI-RT 0036 00	PR	100 %	001013	3	Repair			0,012 m	15-11-2024				
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001017	3	Acceptable				21-11-2024				
7/88/1/_		**02**	**11-10-2024**	**40**	**AZ36**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000437	3	Acceptable				16-10-2024				
9/88/1/_		**02**	**07-10-2024**	**31**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000315	3	Acceptable				11-10-2024				
10/88/1/_		**02**	**23-12-2024**	**107**	**AX84**			**TEE**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**27-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001097	3	Acceptable				27-12-2024				
11/88/1/_		**02**	**09-10-2024**	**35**	**AZ36**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**14-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000349	3	Acceptable				14-10-2024				
12/88/1/_		**02**	**04-10-2024**	**29**	**AZ35**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
12/88/1/_		**02**	**04-10-2024**	**29**	**AZ35**			**ELB**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**11-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000314	3	Acceptable				11-10-2024				
13/88/1/_		**02**	**09-10-2024**	**35**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000438	3	Acceptable				16-10-2024				
14/88/1/_		**02**	**09-10-2024**	**35**	**AZ35**			**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000439	3	Acceptable				16-10-2024				
15/88/1/_		**02**	**27-12-2024**	**107**	**AX84**			**TEE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001099	3	Acceptable				30-12-2024				
16/88/1/_		**02**	**07-10-2024**	**31**	**AZ35**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000311	3	Acceptable				11-10-2024				
17/88/1/_		**02**	**10-10-2024**	**38**	**AZ36**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000422	3	Acceptable				16-10-2024				
18/88/1/_		**02**	**10-10-2024**	**38**	**AZ36**			**PIPE**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000423	3	Acceptable				16-10-2024				
19/88/1/_		**02**	**04-10-2024**	**29**	**AZ35**			**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-10-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000310	3	Acceptable				11-10-2024				
20/88/1/_		**02**	**03-10-2024**	**27**	**AZ35**			**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000264	3	Acceptable				09-10-2024				
21/88/1/_		**02**	**03-10-2024**	**27**	**AZ35**			**RED**	**3,00 in**	**3,05 mm**	**V**	**0,279 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000270	3	Acceptable				09-10-2024				
22/88/1/_		**02**	**09-10-2024**	**35**	**AZ35**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000440	3	Acceptable				16-10-2024				
23/88/1/_		**02**	**08-10-2024**	**32**	**AZ35**			**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
23/88/1/_		**02**	**08-10-2024**	**32**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000441	3	Acceptable					16-10-2024			
24/88/1/_		**02**	**08-10-2024**	**32**	**AZ35**		**PIPE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**16-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000442	3	Acceptable					16-10-2024			
25/88/1/_		**02**	**04-10-2024**	**29**	**AZ35**		**FWN**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000272	4	Acceptable					09-10-2024			
26/88/1/_		**02**	**07-10-2024**	**32**	**AZ35**		**RED**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000281	3	Acceptable					09-10-2024			
27/88/1/_		**02**	**07-10-2024**	**32**	**AZ35**		**TEE**	**6,00 in**	**7,11 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**09-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000280	3	Acceptable					09-10-2024			

Totals per DWG	**88**	**Prefabrication**	**8,05 m**	**24 Nr. Welds**	**89,00 inch**
		Erection	**0,47 m**	**2 Nr. Welds**	**5,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
		Accepted	**8,52 m**	**26 Nr. Welds**	**94,00 inch**
		Repaired	**0,04 m**	**3 Nr. Welds**	**12,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/89/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**FWN**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000189	3	Acceptable				06-10-2024				
2/89/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000190	3	Acceptable				06-10-2024				
3/89/1/_		**00**	**02-10-2024**	**26**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000191	3	Acceptable				06-10-2024				
4/89/1/_		**00**	**18-01-2025**	**147**	**AX84**			**PIPE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001184	3	Acceptable				20-01-2025				
5/89/1/_		**00**	**18-01-2025**	**150**	**AX84**			**TEE**	**4,00 in**	**3,05 mm**	**V**	**0,359 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**20-01-2025**	
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001185	3	Acceptable				20-01-2025				
6/89/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**TEE**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000192	3	Acceptable				06-10-2024				
7/89/1/_		**00**	**30-09-2024**	**23**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**05-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000222	3	Acceptable				05-10-2024				
8/89/1/_		**00**	**03-10-2024**	**27**	**AZ39**			**ELB**	**6,00 in**	**3,40 mm**	**V**	**0,528 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**06-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000193	3	Acceptable				06-10-2024				

Totals per DWG	**89**	**Prefabrication**	**3,18 m**	**6 Nr. Welds**	**36,00 inch**
		Erection	**0,89 m**	**2 Nr. Welds**	**10,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**4,07 m**	**8 Nr. Welds**	**46,00 inch**
		Accepted	**4,07 m**	**8 Nr. Welds**	**46,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000919	4	Acceptable				10-11-2024				
2/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000920	4	Acceptable				10-11-2024				
3/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000871	4	Acceptable				09-11-2024				
4/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000872	4	Acceptable				09-11-2024				
5/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000921	4	Acceptable				10-11-2024				
6/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000922	4	Acceptable				10-11-2024				
7/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000956	4	Acceptable				11-11-2024				
8/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000957	4	Acceptable				11-11-2024				
9/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000958	4	Acceptable				11-11-2024				
10/90/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000959	4	Acceptable				11-11-2024				
11/90/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000616	4	Acceptable				28-10-2024				
12/90/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld.	Type Conn / NOTE	Accept. Date	Spool
12/90/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000617	4	Acceptable				28-10-2024				
13/90/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000618	4	Acceptable				28-10-2024				
14/90/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000923	4	Acceptable				10-11-2024				
15/90/1/_		**02**	**21-10-2024**	**50**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000561	4	Acceptable				23-10-2024				
16/90/1/_		**02**	**12-12-2024**	**84**	**AX410**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	001063	4	Repeat				16-12-2024				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	AA	100 %	001069	1	Acceptable				18-12-2024				
17/90/1/_		**02**	**21-10-2024**	**50**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000747	4	Acceptable				02-11-2024				
19/90/1/_		**02**	**25-10-2024**	**54**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000748	4	Acceptable				02-11-2024				
20/90/1/_		**02**	**23-10-2024**	**52**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000843	4	Acceptable				07-11-2024				
21/90/1/_		**02**	**18-10-2024**	**46**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000737	4	Acceptable				02-11-2024				
22/90/1/_		**02**	**21-10-2024**	**50**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000562	4	Acceptable				23-10-2024				
23/90/1/_		**02**	**23-10-2024**	**52**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000750	4	Acceptable				02-11-2024				
24/90/1/_		**02**	**21-10-2024**	**50**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE			
24/90/1/_		**02**	**21-10-2024**	**50**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000749	4	Acceptable				02-11-2024				
25/90/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000619	4	Acceptable				28-10-2024				
26/90/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000604	4	Acceptable				28-10-2024				

Totals per DWG	**90**				
Prefabrication	**2,36 m**	**24 Nr. Welds**	**23,50 inch**
Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
Accepted	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/91/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000924	4	Acceptable				10-11-2024				
2/91/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000925	4	Acceptable				10-11-2024				
3/91/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000873	4	Acceptable				09-11-2024				
4/91/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000874	4	Acceptable				09-11-2024				
5/91/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000926	4	Acceptable				10-11-2024				
6/91/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000927	4	Acceptable				10-11-2024				
7/91/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000960	4	Acceptable				11-11-2024				
8/91/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000961	4	Acceptable				11-11-2024				
9/91/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000962	4	Acceptable				11-11-2024				
10/91/1/_		**02**	**31-10-2024**	**60**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000963	4	Acceptable				11-11-2024				
11/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000612	4	Acceptable				28-10-2024				
12/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000613	4	Acceptable				28-10-2024				
13/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000614	4	Acceptable				28-10-2024				
14/91/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000928	4	Acceptable				10-11-2024				
15/91/1/_		**02**	**21-10-2024**	**50**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**23-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000563	4	Acceptable				23-10-2024				
16/91/1/_		**02**	**13-12-2024**	**83**	**AX410**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001064	4	Acceptable				16-12-2024				
17/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000717	4	Acceptable				30-10-2024				
19/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000718	4	Acceptable				30-10-2024				
20/91/1/_		**02**	**31-10-2024**	**60**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000841	4	Acceptable				06-11-2024				
21/91/1/_		**02**	**21-10-2024**	**50**	**AZ36**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000721	4	Acceptable				30-10-2024				
22/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000719	4	Acceptable				30-10-2024				
23/91/1/_		**02**	**31-10-2024**	**60**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000842	4	Acceptable				06-11-2024				
24/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
24/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000720	4	Acceptable				30-10-2024				
25/91/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000615	4	Acceptable				28-10-2024				
26/91/1/_		**02**	**23-10-2024**	**52-64**	**AZ36**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**E**
					AZ39 **After Cutting**													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000605	4	Cut				28-10-2024				
		RT	C1 DTA	After Cutting	IDL-QCI-RT 0036 00	AA	100 %	000898	4	Acceptable				10-11-2024				

Totals per DWG	**91**	**Prefabrication**	**2,36 m**	**24 Nr. Welds**	**23,50 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Accepted	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000947	4	Acceptable				10-11-2024				
2/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000948	4	Acceptable				10-11-2024				
3/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000875	4	Acceptable				09-11-2024				
4/92/1/_		**02**	**28-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000735	4	Acceptable				30-10-2024				
5/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000876	4	Acceptable				09-11-2024				
6/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000877	4	Acceptable				09-11-2024				
7/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000929	4	Acceptable				10-11-2024				
8/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000930	4	Acceptable				10-11-2024				
9/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000931	4	Acceptable				10-11-2024				
10/92/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000932	4	Acceptable				10-11-2024				
11/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000607	4	Acceptable				28-10-2024				
12/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
12/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000608	4	Acceptable				28-10-2024				
13/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000609	4	Acceptable				28-10-2024				
14/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000610	4	Acceptable				28-10-2024				
15/92/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000933	4	Acceptable				10-11-2024				
16/92/1/_		**02**	**12-12-2024**	**84**	**AX410**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001070	4	Acceptable				18-12-2024				
17/92/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000645	4	Acceptable				29-10-2024				
19/92/1/_		**02**	**23-10-2024**	**52**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000646	4	Acceptable				29-10-2024				
20/92/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000934	4	Acceptable				10-11-2024				
21/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000638	4	Acceptable				29-10-2024				
22/92/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000935	4	Acceptable				10-11-2024				
23/92/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000936	4	Acceptable				10-11-2024				
24/92/1/_		**02**	**25-10-2024**	**54**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**F**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
24/92/1/_		**02**	**25-10-2024**	**54**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000815	4	Acceptable				04-11-2024				
25/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000611	4	Acceptable				28-10-2024				
26/92/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**28-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000603	4	Acceptable				28-10-2024				

Totals per DWG	**92**			
Prefabrication	**2,36 m**	**24 Nr. Welds**	**23,50 inch**
Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
Accepted	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/93/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000937	4	Acceptable				10-11-2024				
2/93/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000938	4	Acceptable				10-11-2024				
3/93/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000878	4	Acceptable				09-11-2024				
4/93/1/_		**02**	**28-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000736	4	Acceptable				30-10-2024				
5/93/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000879	4	Acceptable				09-11-2024				
6/93/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000880	4	Acceptable				09-11-2024				
7/93/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000939	4	Acceptable				10-11-2024				
8/93/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000940	4	Acceptable				10-11-2024				
9/93/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000941	4	Acceptable				10-11-2024				
10/93/1/_		**02**	**30-10-2024**	**59**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000942	4	Acceptable				10-11-2024				
11/93/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000722	4	Acceptable				30-10-2024				
12/93/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/93/1/_		**02**	**28-10-2024**	**56**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000723	4	Acceptable				30-10-2024				
13/93/1/_		**02**	**25-10-2024**	**54**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000724	4	Acceptable				30-10-2024				
14/93/1/_		**02**	**25-10-2024**	**54**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000725	4	Acceptable				30-10-2024				
15/93/1/_		**02**	**29-10-2024**	**58**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000943	4	Acceptable				10-11-2024				
16/93/1/_		**02**	**10-12-2024**	**74**	**AX416**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**12-12-2024**	
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	001058	4	Acceptable				12-12-2024				
17/93/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000647	4	Acceptable				29-10-2024				
19/93/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000648	4	Acceptable				29-10-2024				
20/93/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000944	4	Acceptable				10-11-2024				
21/93/1/_		**02**	**24-10-2024**	**53**	**AZ36**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000639	4	Acceptable				29-10-2024				
22/93/1/_		**02**	**04-11-2024**	**62-78**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**F**
					AZ39 **After Cutting**													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000973	4	Cut				10-11-2024				
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	000999	4	Acceptable				15-11-2024				
23/93/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000945	4	Acceptable				10-11-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
23/93/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**F**
24/93/1/_		**02**	**25-10-2024**	**54**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000816	4	Acceptable					04-11-2024			
25/93/1/_		**02**	**25-10-2024**	**54**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000726	4	Acceptable					30-10-2024			
26/93/1/_		**02**	**25-10-2024**	**54**	**AZ36**			**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000727	4	Acceptable					30-10-2024			

Totals per DWG	**93**	**Prefabrication**	**2,36 m**	**24 Nr. Welds**	**23,50 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Accepted	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000881	4	Acceptable				09-11-2024				
2/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**A**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000882	4	Acceptable				09-11-2024				
3/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000883	4	Acceptable				09-11-2024				
4/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**B**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000884	4	Acceptable				09-11-2024				
5/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000885	4	Acceptable				09-11-2024				
6/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**09-11-2024**	**C**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000886	4	Acceptable				09-11-2024				
7/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000964	4	Acceptable				11-11-2024				
8/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000965	4	Acceptable				11-11-2024				
9/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000966	4	Acceptable				11-11-2024				
10/94/1/_		**02**	**30-10-2024**	**59**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**D**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000967	4	Acceptable				11-11-2024				
11/94/1/_		**02**	**25-10-2024**	**54**	**AZ36**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000728	4	Acceptable				30-10-2024				
12/94/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/94/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000729	4	Acceptable				30-10-2024				
13/94/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000730	4	Acceptable				30-10-2024				
14/94/1/_		**02**	**28-10-2024**	**56**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000731	4	Acceptable				30-10-2024				
15/94/1/_		**02**	**29-10-2024**	**58**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-11-2024**	**E**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000946	4	Acceptable				10-11-2024				
16/94/1/_		**02**	**12-12-2024**	**78**	**AX416**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-12-2024**	
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	001071	4	Acceptable				18-12-2024				
17/94/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000649	4	Acceptable				29-10-2024				
19/94/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000650	4	Acceptable				29-10-2024				
20/94/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**19-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000968	4	Repeat				11-11-2024				
		RT	DRF	After Film Repeat		IDL-QCI-RT 0036 00	PR	100 %	001014	4	Acceptable				19-11-2024				
21/94/1/_		**02**	**24-10-2024**	**53**	**AZ36**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**29-10-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	100 %	000640	4	Acceptable				29-10-2024				
22/94/1/_		**02**	**04-11-2024**	**62-16**	**AZ36**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-12-2024**	**F**
					AX416	**After Cutting**													
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000969	4	Acceptable				11-11-2024				
		RT	C1 DTA	After Cutting		IDL-QCI-RT 0036 00	AA	100 %	001072	4	Acceptable				18-12-2024				
23/94/1/_		**02**	**04-11-2024**	**62**	**AZ36**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	100 %	000970	4	Acceptable				11-11-2024				

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material	WPS / Defect length	Techn. Weld. / CND date	Type Conn / NOTE	Accept. Date	Spool
23/94/1/_		**02**	**04-11-2024**	**62**	**AZ36**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-11-2024**	**F**
24/94/1/_		**02**	**25-10-2024**	**54**	**AZ36**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**04-11-2024**	**F**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000817	4	Acceptable					04-11-2024			
25/94/1/_		**02**	**28-10-2024**	**56**	**AZ36**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-10-2024**	**E**
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000732	4	Acceptable					30-10-2024			
26/94/1/_		**02**	**28-10-2024**	**56-63-78**	**AZ36**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**E**
					AZ39 **Welding + Repair done**													
03HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	000698	4	Repair				0,008 m	30-10-2024			
		RT R1	DRI	After Repair	IDL-QCI-RT 0036 00	AA	100 %	000977	4	Cut					10-11-2024			
		RT C1	DTA	After Cutting	IDL-QCI-RT 0036 00	PR	100 %	000997	4	Acceptable					15-11-2024			

Totals per DWG	**94**	**Prefabrication**	**2,36 m**	**24 Nr. Welds**	**23,50 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Accepted	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Repaired	**0,01 m**	**1 Nr. Welds**	**0,75 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/95/1/_		**01**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/95/1/_		**01**	**05-09-2024**	**4**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/95/1/_		**01**	**21-11-2024**	**46**	**AX416**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**25-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000029	4	Acceptable				11-09-2024				
8/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/95/1/_		**01**	**16-11-2024**	**35**	**AX416**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**19-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/95/1/_		**01**	**05-09-2024**	**3**	**AZ53**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**D**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
12/95/1/_		**01**	**05-09-2024**	**3**	**AZ53**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000030	4	Acceptable				11-09-2024				
13/95/1/_		**01**	**05-09-2024**	**3**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
14/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
15/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**C.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/95/1/_		**01**	**17-12-2024**	**94**	**AX410**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**17-12-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
17/95/1/_		**01**	**05-09-2024**	**3**	**AZ53**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000031	4	Acceptable				11-09-2024				
18/95/1/_		**01**	**17-12-2024**	**93**	**AX410**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**17-12-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
19/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**F**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
20/95/1/_		**01**	**05-09-2024**	**3**	**AZ39**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**F**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Totals per DWG	**95**	**Prefabrication**	**1,60 m**	**16 Nr. Welds**	**16,00 inch**
		Erection	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,00 m**	**20 Nr. Welds**	**20,00 inch**
		Accepted	**2,00 m**	**20 Nr. Welds**	**20,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/97/1/_		**00**	**13-11-2024**	**82**	**AX410**		**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**13-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/97/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**RED**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/97/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/97/1/_		**00**	**03-09-2024**	**4-12-14**	**AZ52**		**ELB**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**17-12-2024**	**A**
					AX410 **After Cutting**													
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000028	3	Acceptable				11-09-2024				
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
5/97/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**FWN**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/97/1/_		**00**	**17-09-2024**	**9**	**AZ53**		**PIPE**	**1,50 in**	**5,08 mm**	**V**	**0,151 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/97/1/_		**00**	**07-09-2024**	**6**	**AZ52**		**RED**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**97**				
		Prefabrication	**0,85 m**	**6 Nr. Welds**	**8,50 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,95 m**	**7 Nr. Welds**	**9,50 inch**
		Accepted	**0,95 m**	**7 Nr. Welds**	**9,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/99/1/_		**01**	**28-09-2024**	**20**	**AZ53**		**FWN**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/99/1/_		**01**	**28-09-2024**	**20**	**AZ53**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**99**	**Prefabrication**	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Accepted	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/100/1/_		**01**	**21-09-2024**	**12**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/100/1/_		**01**	**25-09-2024**	**15**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/100/1/_		**01**	**23-09-2024**	**13**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/100/1/_		**01**	**18-12-2024**	**96-158**	**AX 453**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-03-2025**	
					AX410	**After Cutting**												
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
5/100/1/_		**01**	**24-09-2024**	**14**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/100/1/_		**01**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/100/1/_		**01**	**24-09-2024**	**14**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/100/1/_		**01**	**18-12-2024**	**96**	**AX 453**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/100/1/_		**01**	**25-09-2024**	**15**	**AZ53**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/100/1/_		**01**	**25-09-2024**	**15-37**	**AZ53**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-03-2025**	**C**
					AX410	**After Cutting**												
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00 AA	10 %	000105	4	Acceptable				03-10-2024				
		RT	C 1 DTA	After Cutting			10 %			Acceptable								
11/100/1/_		**01**	**25-09-2024**	**15**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
11/100/1/_		**01**	**25-09-2024**	**15**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
12/100/1/_		**01**	**18-12-2024**	**97**	**AX416**			**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-12-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/100/1/_		**01**	**21-09-2024**	**12**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
14/100/1/_		**01**	**21-09-2024**	**12**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000088	4	Acceptable					26-09-2024			
15/100/1/_		**01**	**21-09-2024**	**12**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/100/1/_		**01**	**18-12-2024**	**97**	**AX416**			**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-12-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
27/100/1/_		**01**	**21-03-2025**	**158**	**AX410**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-03-2025**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
28/100/1/_		**01**	**24-03-2025**	**159**	**AX410**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-03-2025**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
17/100/2/_		**01**	**25-09-2024**	**15**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
18/100/2/_		**01**	**08-10-2024**	**25**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-10-2024**	**E**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
19/100/2/_		**01**	**17-12-2024**	**95**	**AX416**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
20/100/2/_		**01**	**23-09-2024**	**13**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
21/100/2/_		**01**	**23-09-2024**	**13**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
22/100/2/_		**01**	**26-09-2024**	**17**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**F**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
23/100/2/_		**01**	**18-12-2024**	**96**	**AX84**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
24/100/2/_		**01**	**23-09-2024**	**13**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
25/100/2/_		**01**	**23-09-2024**	**13**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
26/100/2/_		**01**	**27-09-2024**	**19**	**AZ52**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**G**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**100**	**Prefabrication**	**2,00 m**	**20 Nr. Welds**	**20,00 inch**
		Erection	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,80 m**	**28 Nr. Welds**	**28,00 inch**
		Accepted	**2,80 m**	**28 Nr. Welds**	**28,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/101/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/101/1/_		**00**	**05-09-2024**	**3**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/101/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/101/1/_		**00**	**20-11-2024**	**42**	**AX416**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**25-11-2024**	
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	001020	4	Acceptable					25-11-2024			
5/101/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000032	4	Acceptable					11-09-2024			

Totals per DWG	**101**				
Prefabrication	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
Accepted	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn / Accept. Date	Spool
1/102/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/102/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/102/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/102/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/102/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000051	3	Acceptable					18-09-2024			
6/102/1/_		**00**	**06-09-2024**	**5**	**AZ53**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/102/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**FWN**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/102/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/102/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**102**	**Prefabrication**	**1,18 m**	**9 Nr. Welds**	**11,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,18 m**	**9 Nr. Welds**	**11,75 inch**
		Accepted	**1,18 m**	**9 Nr. Welds**	**11,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/103/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/103/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/103/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/103/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/103/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/103/1/_		**00**	**18-11-2024**	**37**	**AX416**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**19-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/103/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000033	4	Acceptable				11-09-2024				
8/103/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/103/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**103**	**Prefabrication**	**0,78 m**	**8 Nr. Welds**	**7,75 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,88 m**	**9 Nr. Welds**	**8,75 inch**
		Accepted	**0,88 m**	**9 Nr. Welds**	**8,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/104/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000034	4	Acceptable					11-09-2024			

Totals per DWG	**104**	**Prefabrication**	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Accepted	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/106/1/_		**01**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/106/1/_		**01**	**05-09-2024**	**3**	**AZ53**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/106/1/_		**01**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/106/1/_		**01**	**27-11-2024**	**55**	**AX416**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/106/1/_		**01**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**106**	**Prefabrication**	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Accepted	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/107/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/107/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/107/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000074	4	Acceptable				19-09-2024				
4/107/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/107/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/107/1/_		**00**	**11-09-2024**	**7**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/107/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**107**				
		Prefabrication	**0,68 m**	**7 Nr. Welds**	**6,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,68 m**	**7 Nr. Welds**	**6,75 inch**
		Accepted	**0,68 m**	**7 Nr. Welds**	**6,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/108/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/108/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/108/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/108/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/108/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/108/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**108**				
		Prefabrication	**0,58 m**	**6 Nr. Welds**	**5,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,58 m**	**6 Nr. Welds**	**5,75 inch**
		Accepted	**0,58 m**	**6 Nr. Welds**	**5,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/109/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/109/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/109/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000057	4	Acceptable				18-09-2024				
4/109/1/_		**00**	**20-11-2024**	**39**	**AX416**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**25-11-2024**	
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	001021	4	Acceptable				25-11-2024				
5/109/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**109**				
		Prefabrication	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Accepted	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/110/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/110/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/110/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/110/1/_		**00**	**27-11-2024**	**55**	**AX416**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/110/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**110**	**Prefabrication**	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Accepted	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/111/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**111**	**Prefabrication**	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Accepted	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/112/1/_		**01**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/112/1/_		**01**	**05-09-2024**	**3**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/112/1/_		**01**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/112/1/_		**01**	**26-11-2024**	**51**	**AX416**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/112/1/_		**01**	**04-09-2024**	**2**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**112**	**Prefabrication**	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Accepted	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/113/1/_		**00**	**06-09-2024**	**5**	**AZ53**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/113/1/_		**00**	**06-09-2024**	**5**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/113/1/_		**00**	**06-09-2024**	**5**	**AZ53**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/113/1/_		**00**	**06-09-2024**	**5**	**AZ53**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/113/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/113/1/_		**00**	**26-11-2024**	**51**	**AX416**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/113/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/113/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/113/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/113/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000061	4	Acceptable				18-09-2024				
11/113/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/113/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
12/113/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**113**	**Prefabrication**	**1,08 m**	**11 Nr. Welds**	**10,75 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,18 m**	**12 Nr. Welds**	**11,75 inch**
		Accepted	**1,18 m**	**12 Nr. Welds**	**11,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/114/1/_		**01**	**08-02-2025**	**157**	**AX 453**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**13-02-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/114/1/_		**01**	**25-09-2024**	**15**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/114/1/_		**01**	**23-09-2024**	**13**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/114/1/_		**01**	**24-09-2024**	**14**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/114/1/_		**01**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/114/1/_		**01**	**25-09-2024**	**15**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/114/1/_		**01**	**23-09-2024**	**13**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/114/1/_		**01**	**20-12-2024**	**102**	**AX84**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-12-2024**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	001089	4	Acceptable				23-12-2024				
9/114/1/_		**01**	**24-09-2024**	**14**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/114/1/_		**01**	**23-09-2024**	**13**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000090	4	Acceptable				26-09-2024				
11/114/1/_		**01**	**23-09-2024**	**13**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/114/1/_		**01**	**23-12-2024**	**102**	**AX84**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**07-01-2025**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
12/114/1/_		**01**	**23-12-2024**	**102**	**AX84**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**07-01-2025**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	001126	4	Acceptable				07-01-2025				
13/114/1/_		**01**	**26-09-2024**	**17**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/114/1/_		**01**	**23-09-2024**	**13**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-09-2024**	**D**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/114/1/_		**01**	**08-02-2025**	**157**	**AX 453**		**RED**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**13-02-2025**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**114**	**Prefabrication**	**1,10 m**	**11 Nr. Welds**	**11,00 inch**
		Erection	**0,49 m**	**4 Nr. Welds**	**5,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,59 m**	**15 Nr. Welds**	**16,00 inch**
		Accepted	**1,59 m**	**15 Nr. Welds**	**16,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/116/4/_		**01**	**18-09-2024**	**16**	**AZ35**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000404	4	Acceptable				16-10-2024				
2/116/4/_		**01**	**03-10-2024**	**27**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**22-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000521	4	Acceptable				22-10-2024				
3/116/4/_		**01**	**03-10-2024**	**27**	**AZ35**		**RED**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**16-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000381	4	Acceptable				16-10-2024				

Totals per DWG	**116**				
Prefabrication	**0,28 m**	**3 Nr. Welds**	**2,75 inch**
Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**0,28 m**	**3 Nr. Welds**	**2,75 inch**
Accepted	**0,28 m**	**3 Nr. Welds**	**2,75 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/119/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/119/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/119/1/_		**00**	**05-09-2024**	**3**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000035	4	Acceptable				11-09-2024				
4/119/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/119/1/_		**00**	**05-09-2024**	**3**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/119/1/_		**00**	**04-09-2024**	**2**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**119**				
		Prefabrication	**0,58 m**	**6 Nr. Welds**	**5,75 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,58 m**	**6 Nr. Welds**	**5,75 inch**
		Accepted	**0,58 m**	**6 Nr. Welds**	**5,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE			
1/120/1/_		**01**	**17-09-2024**	**9**	**AZ53**		**FWN**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/120/1/_		**01**	**17-09-2024**	**9**	**AZ53**		**RED**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/120/1/_		**01**	**28-09-2024**	**20**	**AZ53**		**ELB**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**120**	**Prefabrication**	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Accepted	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/121/1/_		**01**	**18-09-2024**	**10**	**AZ53**		**FWN**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/121/1/_		**01**	**27-09-2024**	**19**	**AZ53**		**PIPE**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/121/1/_		**01**	**18-09-2024**	**10**	**AZ53**		**ELB**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/121/1/_		**01**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**2,00 in**	**5,54 mm**	**V**	**0,189 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**121**	**Prefabrication**	**0,76 m**	**4 Nr. Welds**	**8,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,76 m**	**4 Nr. Welds**	**8,00 inch**
		Accepted	**0,76 m**	**4 Nr. Welds**	**8,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/122/1/_		**01**	**10-09-2024**	**6**	**AZ39**			**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/122/1/_		**01**	**10-09-2024**	**6**	**AZ39**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/122/1/_		**01**	**12-09-2024**	**8**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/122/1/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/122/1/_		**01**	**26-11-2024**	**52**	**AX410**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**06-12-2024**	
03HSS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	001041	4	Acceptable				06-12-2024				
6/122/1/_		**01**	**26-11-2024**	**51**	**AX410**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
7/122/1/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**B**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/122/1/_		**01**	**27-11-2024**	**53**	**AX410**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/122/1/_		**01**	**17-09-2024**	**13**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**B**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
10/122/1/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**B**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
11/122/1/_		**01**	**27-11-2024**	**53**	**AX410**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**06-12-2024**	
03HSS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	001042	4	Acceptable				06-12-2024				
12/122/1/_		**01**	**11-09-2024**	**7**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**B**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
12/122/1/_		**01**	**11-09-2024**	**7**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**B**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/122/1/_		**01**	**12-09-2024**	**8**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
14/122/1/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**A**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
15/122/1/_		**01**	**26-11-2024**	**51**	**AX410**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
31/122/1/_		**01**	**28-09-2024**	**20**	**AZ39**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**30-09-2024**	**B**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
32/122/1/_		**01**	**28-09-2024**	**20**	**AZ39**			**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**30-09-2024**	**B**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/122/2/_		**01**	**16-09-2024**	**13**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**C**
03HSS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000071	4	Acceptable					18-09-2024			
17/122/2/_		**01**	**11-09-2024**	**7**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**C**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
18/122/2/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**C**
03HSS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000063	4	Acceptable					18-09-2024			
19/122/2/_		**01**	**12-09-2024**	**8**	**AZ35**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**C**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
20/122/2/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**C**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
21/122/2/_		**01**	**26-11-2024**	**51**	**AX410**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
21/122/2/_		**01**	**26-11-2024**	**51**	**AX410**			**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**27-11-2024**	
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
22/122/2/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**D**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
23/122/2/_		**01**	**27-11-2024**	**53**	**AX410**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
24/122/2/_		**01**	**12-09-2024**	**8**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**D**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
25/122/2/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**D**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
26/122/2/_		**01**	**28-11-2024**	**54**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
27/122/2/_		**01**	**12-09-2024**	**8**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**D**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
28/122/2/_		**01**	**11-09-2024**	**7**	**AZ35**			**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**D**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
29/122/2/_		**01**	**28-11-2024**	**54**	**AX416**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**28-11-2024**	
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								
30/122/2/_		**01**	**11-09-2024**	**7-24**	**AZ35**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**02-10-2024**	**D**
					AZ39	**After Cutting**													
03HSS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000100	4	Acceptable				26-09-2024				
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
33/122/2/_		**01**	**28-09-2024**	**20**	**AZ39**			**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**30-09-2024**	**D**
03HSS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
33/122/2/_		**01**	**28-09-2024**	**20**	**AZ39**		**TEE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**30-09-2024**	**D**
34/122/2/_		**01**	**28-09-2024**	**20**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**10-10-2024**	**D**
03HSS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000284	4	Acceptable					10-10-2024			

Totals per DWG	**122**	**Prefabrication**	**2,46 m**	**25 Nr. Welds**	**24,50 inch**
		Erection	**0,90 m**	**9 Nr. Welds**	**9,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,36 m**	**34 Nr. Welds**	**33,50 inch**
		Accepted	**3,36 m**	**34 Nr. Welds**	**33,50 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet / Work Instructions	Welders	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/123/1/_		**01**	**26-09-2024**	**17**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/123/1/_		**01**	**26-09-2024**	**17**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/123/1/_		**01**	**26-09-2024**	**17**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/123/1/_		**01**	**27-09-2024**	**19**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/123/1/_		**01**	**26-09-2024**	**17**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**123**	**Prefabrication**	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Accepted	**0,50 m**	**5 Nr. Welds**	**5,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/124/1/_		**01**	**18-09-2024**	**10-28**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-01-2025**	**A**
					AX 453 After Cutting													
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
		RT	C 1 DTA	After Cutting	IDL-QCI-RT 0036 00	PR	10 %	001134	4	Acceptable				09-01-2025				
2/124/1/_		**01**	**18-09-2024**	**10**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/124/1/_		**01**	**18-09-2024**	**10**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/124/1/_		**01**	**25-09-2024**	**15**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/124/1/_		**01**	**18-09-2024**	**10**	**AZ53**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/124/1/_		**01**	**19-09-2024**	**11**	**AZ52**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/124/1/_		**01**	**19-09-2024**	**11**	**AZ52**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**26-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000086	4	Acceptable				26-09-2024				

Totals per DWG	**124**				
Prefabrication	**0,70 m**	**7 Nr. Welds**	**7,00 inch**
Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**0,70 m**	**7 Nr. Welds**	**7,00 inch**
Accepted	**0,70 m**	**7 Nr. Welds**	**7,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/126/1/_		**01**	**26-09-2024**	**17**	**AZ53**		**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/126/1/_		**01**	**26-09-2024**	**17**	**AZ53**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/126/1/_		**01**	**09-12-2024**	**72**	**AX416**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**11-12-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**TEE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/126/1/_		**01**	**15-11-2024**	**29**	**AZ 32**		**TEE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
13/126/1/_		**01**	**14-11-2024**	**28**	**AZ 32**		**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**B**

Totals per DWG	**126**	**Prefabrication**	**0,98 m**	**10 Nr. Welds**	**9,75 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,08 m**	**11 Nr. Welds**	**10,75 inch**
		Accepted	**1,08 m**	**11 Nr. Welds**	**10,75 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05

ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/127/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/127/1/_		**00**	**06-09-2024**	**5**	**AZ53**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/127/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/127/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**A**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/127/1/_		**00**	**11-11-2024**	**29**	**AX416**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/127/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/127/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/127/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/127/1/_		**00**	**05-09-2024**	**3**	**AZ53**		**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/127/1/_		**00**	**10-09-2024**	**6**	**AZ39**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/127/1/_		**00**	**05-09-2024**	**4**	**AZ39**		**TEE**	**0,75 in**	**2,87 mm**	**V**	**0,083 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**B**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/127/1/_		**00**	**11-11-2024**	**29**	**AX416**		**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
12/127/1/_		**00**	**11-11-2024**	**29**	**AX416**			**TEE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**13-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
13/127/2/_		**00**	**06-09-2024**	**5**	**AZ53**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
14/127/2/_		**00**	**05-09-2024**	**3**	**AZ53**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
15/127/2/_		**00**	**05-09-2024**	**3**	**AZ53**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**C**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
16/127/2/_		**00**	**13-11-2024**	**31**	**AX416**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**15-11-2024**	
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
17/127/2/_		**00**	**05-09-2024**	**3**	**AZ53**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**11-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000036	3	Acceptable				11-09-2024				
18/127/2/_		**00**	**06-09-2024**	**5**	**AZ53**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**D**
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000050	3	Acceptable				18-09-2024				
19/127/2/_		**00**	**13-11-2024**	**31**	**AX416**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**M**	**S.S.**	**D1A**	**GTAW**	**BW**	**15-11-2024**	
01SS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	001008	3	Acceptable				15-11-2024				
20/127/2/_		**00**	**05-09-2024**	**3**	**AZ53**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**06-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
21/127/2/_		**00**	**12-09-2024**	**8-4**	**AZ35**			**PIPE**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**15-11-2024**	**E**
					AX416	**After Cutting**													
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting		IDL-QCI-RT 0036 00	PR	10 %	001009	3	Acceptable				15-11-2024				
22/127/2/_		**00**	**12-09-2024**	**8**	**AZ35**			**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
22/127/2/_		**00**	**12-09-2024**	**8**	**AZ35**		**ELB**	**1,50 in**	**3,68 mm**	**V**	**0,151 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**13-09-2024**	**E**
23/127/2/_		**00**	**12-09-2024**	**14**	**AZ35**		**RED**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.S.**	**C1A**	**GTAW**	**BW**	**18-09-2024**	**E**
01SS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**127**	**Prefabrication**	**2,82 m**	**19 Nr. Welds**	**28,25 inch**
		Erection	**0,60 m**	**4 Nr. Welds**	**6,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,42 m**	**23 Nr. Welds**	**34,25 inch**
		Accepted	**3,42 m**	**23 Nr. Welds**	**34,25 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/128/1/_		**03**	**24-06-2024**	**7**	**AZ 32**			**CAP**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**25-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/128/1/_		**03**	**24-06-2024**	**7**	**AZ 32**			**TEE**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**25-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
5/128/1/_		**03**	**03-09-2024**	**13**	**AX410**			**TEE**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**04-09-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
6/128/1/_		**03**	**08-06-2024**	**2**	**AZ35**			**TEE**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**21-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000012	3	Acceptable				21-06-2024				
7/128/1/_		**03**	**24-06-2024**	**7**	**AZ 32**			**TEE**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**25-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
8/128/1/_		**03**	**04-09-2024**	**14**	**AX410**			**TEE**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**05-09-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/128/1/_		**03**	**08-06-2024**	**2-1**	**AZ35**			**TEE**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**04-09-2024**	**A**
					AX410	**After Cutting**													
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	PR	10 %	000013	3	Acceptable				21-06-2024				
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
10/128/1/_		**03**	**08-06-2024**	**2-2**	**AZ35**			**FWN**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**05-09-2024**	**A**
					AX410	**After Cutting**													
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
		RT	C 1 DTA	After Cutting				10 %			Acceptable								
11/128/1/_		**03**	**24-06-2024**	**7**	**AZ 32**			**FWN**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**25-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
11/128/1/_		**03**	**24-06-2024**	**7**	**AZ 32**		**FWN**	**12,00 in**	**6,35 mm**	**V**	**1,017 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**25-06-2024**	**B**

Totals per DWG	**128**	**Prefabrication**	**7,14 m**	**7 Nr. Welds**	**84,00 inch**
		Erection	**1,55 m**	**2 Nr. Welds**	**18,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**8,69 m**	**9 Nr. Welds**	**102,00 inch**
		Accepted	**8,69 m**	**9 Nr. Welds**	**102,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/129/1/_		**02**	**25-06-2024**	**8-13**	**AZ35**		**FWN**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**09-07-2024**	**A**
					AZ 32 Repair done													
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000014	3	Repair			0,022 m	02-07-2024				
		RT	R 1 DRI	After Repair	IDL-QCI-RT 0036 00	AA	10 %	000017	1	Acceptable				09-07-2024				
2/129/1/_		**02**	**24-07-2024**	**9**	**AX416**		**TEE**	**4,00 in**	**6,35 mm**	**V**	**0,359 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/129/1/_		**02**	**25-06-2024**	**8**	**AZ35**		**TEE**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**02-07-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000015	3	Acceptable				02-07-2024				
4/129/1/_		**02**	**24-07-2024**	**9**	**AX416**		**TEE**	**4,00 in**	**6,35 mm**	**V**	**0,359 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/129/1/_		**02**	**28-08-2024**	**12**	**AX416**		**TEE**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**29-08-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/129/1/_		**02**	**28-08-2024**	**12**	**AX416**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**29-08-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/129/1/_		**02**	**23-07-2024**	**8**	**AX416**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/129/1/_		**02**	**24-07-2024**	**9**	**AX416**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
13/129/1/_		**02**	**24-07-2024**	**9**	**AX410**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/129/1/_		**02**	**24-07-2024**	**9**	**AX410**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
17/129/1/_		**02**	**24-07-2024**	**9**	**AX410**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
17/129/1/_		**02**	**24-07-2024**	**9**	**AX410**			**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
18/129/1/_		**02**	**22-07-2024**	**6**	**AX410**			**PIPE**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000021	3	Acceptable					25-07-2024			
20/129/1/_		**02**	**24-07-2024**	**9**	**AX410**			**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
21/129/1/_		**02**	**25-06-2024**	**8**	**AZ35**			**PIPE**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**26-06-2024**	**C**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
22/129/1/_		**02**	**22-07-2024**	**6**	**AX410**			**ELB**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000022	3	Acceptable					25-07-2024			
29/129/1/_		**02**	**28-08-2024**	**12**	**AX416**			**PIPE**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**29-08-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
24/129/2/_		**01**	**23-07-2024**	**8**	**AX410**			**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
25/129/2/_		**01**	**25-06-2024**	**8**	**AZ35**			**ELB**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**26-06-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
26/129/2/_		**01**	**26-06-2024**	**10**	**AZ35**			**ELB**	**10,00 in**	**6,35 mm**	**V**	**0,857 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**27-06-2024**	**D**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
28/129/2/_		**01**	**23-07-2024**	**8**	**AX410**			**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Totals per DWG	**129**	**Prefabrication**	**4,30 m**	**5 Nr. Welds**	**50,00 inch**
		Erection	**6,68 m**	**15 Nr. Welds**	**75,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**10,98 m**	**20 Nr. Welds**	**125,00 inch**
		Accepted	**10,98 m**	**20 Nr. Welds**	**125,00 inch**
		Repaired	**0,02 m**	**1 Nr. Welds**	**10,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/130/1/_		**01**	**25-06-2024**	**8**	**AZ35**		**ELB**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**26-06-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/130/1/_		**01**	**26-06-2024**	**10**	**AZ35**		**ELB**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**27-06-2024**	**C**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/130/1/_		**01**	**04-09-2024**	**14**	**AX410**		**ELB**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**05-09-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/130/1/_		**01**	**25-06-2024**	**8**	**AZ35**		**ELB**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**26-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/130/1/_		**01**	**23-07-2024**	**8**	**AX410**		**ELB**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/130/1/_		**01**	**25-06-2024**	**8**	**AZ35**		**ELB**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**26-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/130/1/_		**01**	**19-07-2024**	**4**	**AX410**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
10/130/1/_		**01**	**19-07-2024**	**4**	**AX410**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
12/130/1/_		**01**	**18-07-2024**	**3**	**AX410**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
14/130/1/_		**01**	**18-07-2024**	**3**	**AX410**		**WOL**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
15/130/1/_		**01**	**25-06-2024**	**8**	**AZ35**		**FWN**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**26-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
15/130/1/_		**01**	**25-06-2024**	**8**	**AZ35**		**FWN**	**8,00 in**	**6,35 mm**	**V**	**0,688 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**26-06-2024**	**A**

Totals per DWG	**130**	**Prefabrication**	**3,45 m**	**5 Nr. Welds**	**40,00 inch**
		Erection	**2,50 m**	**6 Nr. Welds**	**28,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**5,95 m**	**11 Nr. Welds**	**68,00 inch**
		Accepted	**5,95 m**	**11 Nr. Welds**	**68,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/131/1/_		**01**	**07-06-2024**	**1**	**AZ 32**		**FWN**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/131/1/_		**01**	**10-06-2024**	**3**	**AZ35**		**ELB**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/131/1/_		**01**	**13-06-2024**	**6**	**AZ35**		**ELB**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/131/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/131/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/131/1/_		**01**	**20-07-2024**	**5**	**AX410**		**ELB**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000020	3	Acceptable				25-07-2024				
7/131/1/_		**01**	**07-06-2024**	**1**	**AZ 32**		**TEE**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/131/1/_		**01**	**23-07-2024**	**8**	**AX416**		**TEE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/131/1/_		**01**	**07-06-2024**	**1**	**AZ 32**		**TEE**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**21-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000010	3	Acceptable				21-06-2024				
10/131/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**TEE**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
11/131/1/_		**01**	**22-07-2024**	**6**	**AX416**		**TEE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**22-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
11/131/1/_		**01**	**22-07-2024**	**6**	**AX416**		**TEE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**22-07-2024**	

Totals per DWG	**131**	**Prefabrication**	**2,88 m**	**8 Nr. Welds**	**32,00 inch**
		Erection	**0,92 m**	**3 Nr. Welds**	**10,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**3,80 m**	**11 Nr. Welds**	**42,00 inch**
		Accepted	**3,80 m**	**11 Nr. Welds**	**42,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/132/1/_		**01**	**10-06-2024**	**3**	**AZ35**		**ELB**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1B**	**GTAW+FCAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/132/1/_		**01**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/132/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**TEE**	**4,00 in**	**5,49 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000011	3	Acceptable				21-06-2024				
4/132/1/_		**01**	**23-07-2024**	**8**	**AX416**		**TEE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/132/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**TEE**	**4,00 in**	**5,49 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/132/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**TEE**	**4,00 in**	**5,49 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/132/1/_		**01**	**22-07-2024**	**6**	**AX416**		**TEE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**22-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/132/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**FWN**	**4,00 in**	**6,02 mm**	**V**	**0,359 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**132**	**Prefabrication**	**2,16 m**	**6 Nr. Welds**	**24,00 inch**
		Erection	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,72 m**	**8 Nr. Welds**	**30,00 inch**
		Accepted	**2,72 m**	**8 Nr. Welds**	**30,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/133/1/_		**02**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/133/1/_		**02**	**24-06-2024**	**7**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/133/1/_		**02**	**22-07-2024**	**6**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**22-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**133**	**Prefabrication**	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Accepted	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/134/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/134/1/_		**01**	**24-06-2024**	**7**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/134/1/_		**01**	**22-07-2024**	**7**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**23-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**134**	**Prefabrication**	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Accepted	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/135/1/_		**02**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000001	3	Acceptable				21-06-2024				
2/135/1/_		**02**	**24-06-2024**	**7**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/135/1/_		**02**	**22-07-2024**	**6**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**22-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**135**	**Prefabrication**	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Accepted	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/136/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/136/1/_		**01**	**24-06-2024**	**7**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/136/1/_		**01**	**23-07-2024**	**8**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**136**	**Prefabrication**	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Accepted	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/137/1/_		**01**	**15-07-2024**	**2**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**17-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/137/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/137/1/_		**01**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/137/1/_		**01**	**23-07-2024**	**10**	**AX416**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/137/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/137/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000002	3	Acceptable					21-06-2024			
7/137/1/_		**01**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/137/1/_		**01**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000003	3	Acceptable					21-06-2024			
9/137/1/_		**01**	**15-07-2024**	**2**	**AX416**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000019	3	Acceptable					25-07-2024			

Totals per DWG	**137**				
Prefabrication	**1,68 m**	**6 Nr. Welds**	**18,00 inch**
Erection	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**2,52 m**	**9 Nr. Welds**	**27,00 inch**
Accepted	**2,52 m**	**9 Nr. Welds**	**27,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn / Accept. Date	Spool
1/138/1/_		**01**	**23-07-2024**	**8**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable							
2/138/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024** **A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable							
3/138/1/_		**01**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024** **A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000004	3	Acceptable				21-06-2024			
4/138/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024** **A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable							
5/138/1/_		**01**	**10-06-2024**	**3**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024** **A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000005	3	Acceptable				21-06-2024			

Totals per DWG	**138**	**Prefabrication**	**1,12 m**	**4 Nr. Welds**	**12,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Accepted	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/139/1/_		**01**	**25-07-2024**	**11**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/139/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/139/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/139/1/_		**01**	**25-07-2024**	**11**	**AX416**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/139/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/139/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/139/1/_		**01**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**139**	**Prefabrication**	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Erection	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,96 m**	**7 Nr. Welds**	**21,00 inch**
		Accepted	**1,96 m**	**7 Nr. Welds**	**21,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/140/1/_		**01**	**25-07-2024**	**11**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/140/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/140/1/_		**01**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/140/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/140/1/_		**01**	**10-06-2024**	**3**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**140**				
		Prefabrication	**1,12 m**	**4 Nr. Welds**	**12,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Accepted	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/141/1/_		**01**	**16-07-2024**	**1**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**17-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/141/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/141/1/_		**01**	**10-06-2024**	**3**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/141/1/_		**01**	**25-07-2024**	**11**	**AX416**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/141/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/141/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000006	3	Acceptable					21-06-2024			
7/141/1/_		**01**	**10-06-2024**	**3**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	141				
Prefabrication	**1,40 m**	**5 Nr. Welds**	**15,00 inch**		
Erection	**0,56 m**	**2 Nr. Welds**	**6,00 inch**		
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**		
Performed	**1,96 m**	**7 Nr. Welds**	**21,00 inch**		
Accepted	**1,96 m**	**7 Nr. Welds**	**21,00 inch**		
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**		

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material	WPS / Defect length	Techn. Weld. / CND date	Type Conn / NOTE	Accept. Date	Spool
1/142/1/_		**01**	**24-07-2024**	**9**	**AX410**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/142/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/142/1/_		**01**	**12-06-2024**	**5-9**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**09-07-2024**	**A**
					AZ35 **Repair done**													
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000009	3	Repair				0,025 m	21-06-2024			
		RT	R 1 DRI	After Repair	IDL-QCI-RT 0036 00	AA	10 %	000016	1	Acceptable					09-07-2024			
4/142/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/142/1/_		**01**	**10-06-2024**	**3**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**142**				
		Prefabrication	**1,12 m**	**4 Nr. Welds**	**12,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Accepted	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Repaired	**0,03 m**	**1 Nr. Welds**	**3,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/143/1/_		**01**	**16-07-2024**	**1**	**AX416**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	10 %	000018	3	Acceptable				25-07-2024				
2/143/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/143/1/_		**01**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/143/1/_		**01**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/143/1/_		**01**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/143/1/_		**01**	**24-07-2024**	**9**	**AX410**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**25-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
7/143/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
8/143/1/_		**01**	**13-06-2024**	**6**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
9/143/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**B**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**143**	**Prefabrication**	**1,96 m**	**7 Nr. Welds**	**21,00 inch**
		Erection	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**2,52 m**	**9 Nr. Welds**	**27,00 inch**
		Accepted	**2,52 m**	**9 Nr. Welds**	**27,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/144/1/_		**01**	**23-07-2024**	**8**	**AX410**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/144/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/144/1/_		**01**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/144/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/144/1/_		**01**	**10-06-2024**	**3**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**144**				
Prefabrication	**1,12 m**	**4 Nr. Welds**	**12,00 inch**
Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
Performed	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
Accepted	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn	Accept. Date	Spool
1/145/1/_		**01**	**23-07-2024**	**8**	**AX410**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**24-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/145/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/145/1/_		**01**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/145/1/_		**01**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/145/1/_		**01**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**145**	**Prefabrication**	**1,12 m**	**4 Nr. Welds**	**12,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Accepted	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/146/1/_		**02**	**19-07-2024**	**4**	**AX410**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/146/1/_		**02**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/146/1/_		**02**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**146**	**Prefabrication**	**0,56 m**	**2 Nr. Welds**	**6,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Accepted	**0,84 m**	**3 Nr. Welds**	**9,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/147/1/_		**02**	**19-07-2024**	**4**	**AX410**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/147/1/_		**02**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/147/1/_		**02**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/147/1/_		**02**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/147/1/_		**02**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
6/147/1/_		**02**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000007	3	Acceptable					21-06-2024			
7/147/1/_		**02**	**10-06-2024**	**3**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**147**	**Prefabrication**	**1,68 m**	**6 Nr. Welds**	**18,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,96 m**	**7 Nr. Welds**	**21,00 inch**
		Accepted	**1,96 m**	**7 Nr. Welds**	**21,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn / Accept. Date	Spool
1/148/1/_		**02**	**18-07-2024**	**3**	**AX410**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable							
2/148/1/_		**02**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable							
3/148/1/_		**02**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable							
4/148/1/_		**02**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable							
5/148/1/_		**02**	**12-06-2024**	**5**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**21-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000008	3	Acceptable					21-06-2024		

Totals per DWG	**148**	**Prefabrication**	**1,12 m**	**4 Nr. Welds**	**12,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Accepted	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Conn.	Accept. Date	Spool
1/149/1/_		**02**	**18-07-2024**	**3**	**AX410**		**PIPE**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**19-07-2024**	
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/149/1/_		**02**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/149/1/_		**02**	**12-06-2024**	**5**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/149/1/_		**02**	**11-06-2024**	**4**	**AZ35**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								
5/149/1/_		**02**	**11-06-2024**	**4**	**AZ 32**		**ELB**	**3,00 in**	**5,49 mm**	**V**	**0,279 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**20-06-2024**	**A**
01CS	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**149**	**Prefabrication**	**1,12 m**	**4 Nr. Welds**	**12,00 inch**
		Erection	**0,28 m**	**1 Nr. Welds**	**3,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Accepted	**1,40 m**	**5 Nr. Welds**	**15,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet / Work Instructions	Welders / Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/150/1/_		**01**	**07-11-2024**	**70**	**AZ39**	**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion		10 %			Acceptable								
2/150/1/_		**01**	**07-11-2024**	**70**	**AZ39**	**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion		10 %			Acceptable								
3/150/1/_		**01**	**26-09-2024**	**19-73**	**AZ39**	**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**B**
01SD	2	RT	FIN	Weld Completion		10 %	000152	4	Acceptable					06-10-2024			
		RT	C 1 DTA	After Cutting		10 %			Acceptable								
4/150/1/_		**01**	**26-09-2024**	**19-73**	**AZ39**	**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**B**
01SD	2	RT	FIN	Weld Completion		10 %			Acceptable								
		RT	C 1 DTA	After Cutting		10 %			Acceptable								

Totals per DWG	**150**	**Prefabrication**	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Accepted	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE			
1/151/1/_		**01**	**11-11-2024**	**74**	**AZ36**		**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/151/1/_		**01**	**12-11-2024**	**77**	**AZ39**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/151/1/_		**01**	**11-11-2024**	**74**	**AZ36**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**151**	**Prefabrication**	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Accepted	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons.	Accept. Date	Spool
1/152/1/_		**01**	**07-11-2024**	**70**	**AZ39**		**RED**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000982	4	Acceptable				13-11-2024				
2/152/1/_		**01**	**07-11-2024**	**70**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**13-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	10 %	000983	4	Acceptable				13-11-2024				
3/152/1/_		**01**	**26-09-2024**	**19**	**AZ39**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/152/1/_		**01**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**152**	**Prefabrication**	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Accepted	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.	Defect length	CND date	NOTE			
1/153/1/_		**01**	**11-11-2024**	**74**	**AZ36**		**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/153/1/_		**01**	**14-11-2024**	**78**	**AZ39**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/153/1/_		**01**	**11-11-2024**	**74**	**AZ36**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**153**	**Prefabrication**	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Accepted	**0,57 m**	**3 Nr. Welds**	**6,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/154/1/_		**01**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/154/1/_		**01**	**25-09-2024**	**18**	**AZ39**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**26-09-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
3/154/1/_		**01**	**26-09-2024**	**19**	**AZ39**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
4/154/1/_		**01**	**26-09-2024**	**19**	**AZ39**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**154**	**Prefabrication**	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Accepted	**0,40 m**	**4 Nr. Welds**	**4,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Cons	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
1/155/1/_		**01**	**11-11-2024**	**74**	**AZ36**		**FWN**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**12-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								
2/155/1/_		**01**	**12-11-2024**	**77**	**AZ39**		**ELB**	**2,00 in**	**2,77 mm**	**V**	**0,189 m**	**P**	**S.D.**	**B1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01SD	2	RT	FIN	Weld Completion			10 %			Acceptable								

Totals per DWG	**155**	**Prefabrication**	**0,38 m**	**2 Nr. Welds**	**4,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,38 m**	**2 Nr. Welds**	**4,00 inch**
		Accepted	**0,38 m**	**2 Nr. Welds**	**4,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet / Work Instructions	Welders / Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cons	Accept. Date	Spool
1/156/1/_		**01**	**19-11-2024**	**31**	**AZ 32**	**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								
2/156/1/_		**01**	**19-11-2024**	**31**	**AZ 32**	**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								
3/156/1/_		**01**	**14-11-2024**	**28**	**AZ 32**	**RED**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								
4/156/1/_		**01**	**14-11-2024**	**28**	**AZ 32**	**PIPE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**15-11-2024**	**A**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								
5/156/1/_		**01**	**15-11-2024**	**29**	**AZ 32**	**FWN**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								
6/156/1/_		**01**	**15-11-2024**	**29**	**AZ 32**	**PIPE**	**0,75 in**	**3,91 mm**	**V**	**0,083 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								
7/156/1/_		**01**	**15-11-2024**	**29**	**AZ 32**	**RED**	**0,50 in**	**3,73 mm**	**V**	**0,066 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**18-11-2024**	**B**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								
8/156/1/_		**01**	**15-11-2024**	**30**	**AZ 32**	**FWN**	**0,50 in**	**3,73 mm**	**V**	**0,066 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-11-2024**	**C**
01CS	2	RT	FIN	Weld Completion		10 %			Acceptable								

Totals per DWG	**156**	**Prefabrication**	**0,66 m**	**8 Nr. Welds**	**6,00 inch**
		Erection	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,66 m**	**8 Nr. Welds**	**6,00 inch**
		Accepted	**0,66 m**	**8 Nr. Welds**	**6,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping
Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders / Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/157/1/_		**00**	**02-10-2024**	**26**	**AZ35**		**FWN**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**24-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000590	4	Acceptable				24-10-2024				
2/157/1/_		**00**	**02-10-2024**	**26**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000555	4	Acceptable				23-10-2024				
3/157/1/_		**00**	**02-10-2024**	**26**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000556	4	Acceptable				23-10-2024				
4/157/1/_		**00**	**02-10-2024**	**26**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**23-10-2024**	**A**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000557	4	Acceptable				23-10-2024				
5/157/1/_		**00**	**31-12-2024**	**114**	**AX 453**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**M**	**S.S.**	**C1A**	**GTAW**	**BW**	**07-01-2025**	
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	PR	100 %	001118	4	Repeat				03-01-2025				
		RT	DRF	After Film Repeat	IDL-QCI-RT 0036 00	AA	100 %	001121	2	Acceptable				07-01-2025				
6/157/1/_		**00**	**02-10-2024**	**26**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**07-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000230	4	Acceptable				07-10-2024				
7/157/1/_		**00**	**02-10-2024**	**26**	**AZ35**		**PIPE**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000507	4	Acceptable				22-10-2024				
8/157/1/_		**00**	**02-10-2024**	**26**	**AZ35**		**ELB**	**1,00 in**	**3,38 mm**	**V**	**0,104 m**	**P**	**S.S.**	**C1B**	**GTAW+SMAW**	**BW**	**22-10-2024**	**B**
01HSS	1	RT	FIN	Weld Completion	IDL-QCI-RT 0036 00	AA	100 %	000508	4	Acceptable				22-10-2024				

Totals per DWG	**157**				
		Prefabrication	**0,70 m**	**7 Nr. Welds**	**7,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Accepted	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number / Class	Insp. Category	Rev. / Cont.	Prod. Date / Examination phase	Prod. Sheet	Welders	Work Instructions	Oper.	Item type / Exam. %	Dimension / N. Rep	Thickness / Films n.	Bevel / Result	Weld Length / WPS Rip.	P/M / Techn. Weld.	Material / Defect length	WPS / CND date	Techn. Weld. / NOTE	Type Cont.	Accept. Date	Spool
1/158/1/_		**01**	**26-09-2024**	**17**	**AZ53**			**FWN**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
2/158/1/_		**01**	**26-09-2024**	**17**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
3/158/1/_		**01**	**26-09-2024**	**17**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
4/158/1/_		**01**	**26-09-2024**	**17**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-10-2024**	**A**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000106	4	Acceptable					03-10-2024			
5/158/1/_		**01**	**26-09-2024**	**17**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**A**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
6/158/1/_		**01**	**26-09-2024**	**17**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**03-10-2024**	**A**
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	000108	4	Acceptable					03-10-2024			
7/158/1/_		**01**	**21-12-2024**	**103**	**AX84**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**M**	**C.S.**	**A1A**	**GTAW**	**BW**	**27-12-2024**	
01CS	2	RT	FIN	Weld Completion		IDL-QCI-RT 0036 00	AA	10 %	001094	4	Acceptable					27-12-2024			
8/158/1/_		**01**	**27-09-2024**	**19**	**AZ53**			**PIPE**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**30-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								
9/158/1/_		**01**	**26-09-2024**	**17**	**AZ53**			**ELB**	**1,00 in**	**4,55 mm**	**V**	**0,104 m**	**P**	**C.S.**	**A1A**	**GTAW**	**BW**	**28-09-2024**	**B**
01CS	2	RT	FIN	Weld Completion				10 %			Acceptable								

Totals per DWG	**158**	**Prefabrication**	**0,80 m**	**8 Nr. Welds**	**8,00 inch**
		Erection	**0,10 m**	**1 Nr. Welds**	**1,00 inch**
		Offshore	**0,00 m**	**0 Nr. Welds**	**0,00 inch**
		Performed	**0,90 m**	**9 Nr. Welds**	**9,00 inch**
		Accepted	**0,90 m**	**9 Nr. Welds**	**9,00 inch**
		Repaired	**0,00 m**	**0 Nr. Welds**	**0,00 inch**

Rosetti Marino S.p.A.

Welding Register

Job 123A90 BASE LOAD POWER HUB (BLPH)
Client CRWIND CROSSWIND
Discipline PP Piping

Order Number CW-I-WP4-2023-05
ITEM

Weld Number		Rev.	Prod. Date	Prod. Sheet	Welders		Item type	Dimension	Thickness	Bevel	Weld Length	P/M	Material	WPS	Techn. Weld.	Type Conn	Accept. Date	Spool
Class	Insp. Category	Cont.	Examination phase		Work Instructions	Oper.	Exam. %	N. Rep	Films n.	Result	WPS Rip.	Techn. Weld.		Defect length	CND date	NOTE		
9/158/1/_		01	26-09-2024	17	AZ53		ELB	1,00 in	4,55 mm	V	0,104 m	P	C.S.	A1A	GTAW	BW	28-09-2024	B

Totals by Discipline	**Prefabrication**	**314,58 m**	**1649 Nr. Welds**	**3.359,50 inch**
	Erection	**64,42 m**	**305 Nr. Welds**	**693,00 inch**
	Offshore	**1,05 m**	**10 Nr. Welds**	**10,50 inch**
	Performed	**379,00 m**	**1954 Nr. Welds**	**4.052,50 inch**
	Accepted	**379,00 m**	**1954 Nr. Welds**	**4.052,50 inch**
	Repaired	**0,55 m**	**27 Nr. Welds**	**127,25 inch**
Totals by Project	**Prefabrication**	**314,58 m**	**1649 Nr. Welds**	**3.359,50 inch**
	Erection	**64,42 m**	**305 Nr. Welds**	**693,00 inch**
	Offshore	**1,05 m**	**10 Nr. Welds**	**10,50 inch**
	Performed	**379,00 m**	**1954 Nr. Welds**	**4.052,50 inch**
	Accepted	**379,00 m**	**1954 Nr. Welds**	**4.052,50 inch**
	Repaired	**0,55 m**	**27 Nr. Welds**	**127,25 inch**

4 RT REPORTS

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000636	8	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ABAZI MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000635	7	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 20712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000634	9	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000633	8	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000632	7	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-[illegible]712
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000631	3	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ID 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000630	2	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000629	1	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000628	3	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000627	2	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ID 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000626	24	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000625	23	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000624	22	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISC9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000623	21	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-309712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000622	13	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000621	12	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0009712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000620	11	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000619	25	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000618	13	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000617	12	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IS09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000616	11	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 3500712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000615	25	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000614	13	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000613	12	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000612	11	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens	Sviluppo / Development
Selenium 75	KODAK MX125	1	Front-Back 0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000611	25	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 19/9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000610	14	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000609	13	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 CQ9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000608	12	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN473-[illegible]9712 MT-PT RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000607	11	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ABO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000606	25	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A C	AZ36
								1		A C	
								2		A C	
								3		A C	

NOTE / Remarks: RE-SHOOT WRONG WELD NMBER W26 ON FILM MARKING NOT ALLOWED

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000605	26	123A90-FDL-PP-DI 91	1	_	V	0.8	2.87	0	AA-AB	T	AZ36
								1	AA-AB	T	
								2	AA-AB	T	
								3	AA-AB	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000604	26	123A90-FDL-PP-DI 90	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi, Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN ISO 9712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000603	26	123A90-FDL-PP-DI 92	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	28-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000602	21	123A90-FDL-PP-DI 64	1	_	V	0.8	2.87	0		A C	AZ36
								1		A C	
								2		A C	
								3		A C	

NOTE / Remarks: RE-SHOOT WRONG WELD NUMBER W26 ON FILM
MARKING NOT ALLOWED

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible]09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000601	9	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level NT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000600	8	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000599	7	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000598	9	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0	DF	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
Operator: Partisani Riccardo
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000597	8	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000596	7	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000595	9	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1	AA-DF	A	
								2	DF	A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTRAT Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000594	8	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controllo CONFORME				

Riccardo Partisani
II Level VT-MT-PT-RT
Operator: Partisani Riccardo
ISO 9712/SNT-TC-1A

Quality Control Dept.
Alberto Cavazzi
Rosetti Marino SpA

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	26-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000593	7	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0	DF	A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Commessa: 60 Progr.	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Operator: Partisani Riccardo

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000592	2	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 1000712 MT-RT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 24-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	24-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000591	23	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN-473 [illegible]712 MT-RT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 24-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	24-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000590	1	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000589	10	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT PT-RT Company: CONTROL Operatore: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,046	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000588	3	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,046	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000587	2	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,046	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000586	6	123A90-FDL-PP-DI 42	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,046	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000585	4	123A90-FDL-PP-DI 42	1	_	V	10.0	4.19	0-1	FA	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,046	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000584	1	123A90-FDL-PP-DI 42	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	FA DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000583	27	123A90-FDL-PP-DI 84	1	_	V	6.0	7.11	0-1		A	AZ39
								1-2	AB	R	
								2-0	AB	R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000582	26	123A90-FDL-PP-DI 84	1	_	V	6.0	7.11	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000581	27	123A90-FDL-PP-DI 76	1	_	V	6.0	7.11	0-1	W	A	AZ39
								1-2	DP	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ID9712 MT-PT-RT Company: CONTROL Operatore: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000580	26	123A90-FDL-PP-DI 76	1	_	V	6.0	7.11	0-1		A	AZ39
								1-2	W	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 0712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000579	27	123A90-FDL-PP-DI 72	1	_	V	6.0	7.11	0-1	DF	A	AZ39
								1-2	DP	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN473 CSQ 0712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000578	26	123A90-FDL-PP-DI 72	1	_	V	6.0	7.11	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,061	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000577	6	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,061	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000576	3	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	DF W	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Alrazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000575	25	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000574	12	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1	DF	A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000573	25	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000572	4	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000571	14	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0	W	A	AZ36
								1		A	
								2		A	
								3	W	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000570	1	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000569	14	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000568	1	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ASO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000567	14	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000566	14	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000565	4	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	AA	A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000564	1	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000563	15	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000562	22	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000561	15	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-2309712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,106	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000560	21	123A90-FDL-PP-DI 72	1	_	V	3.0	3.05	0-1	DF	A	AZ39
								1-2	DF	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000559	20	123A90-FDL-PP-DI 72	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000558	5	123A90-FDL-PP-DI 86	2	_	V	1.0	3.38	0	EX-F	T	AZ53
								1	EX-F	T	
								2	EX-F	T	
								3	EX-F	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SMTTC-1A EN 473-1609712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000557	4	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 109712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000556	3	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000555	2	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0	DF	A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000554	1	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 ISO 9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000553	14	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-1009712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	23-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000552	15	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000551	14	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	AA	R	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-IS-08712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000550	22	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 9509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000549	13	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1	AA-DF	A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000548	2	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-ISO9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000547	1	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IRD9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000546	24	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: ABazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000545	23	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000544	11	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000543	4	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible]9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000542	3	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000541	7	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000540	1	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000539	2	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000538	1	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ATB 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000537	24	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 090712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000536	22	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000535	14	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
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MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000534	13	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ABO712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000533	24	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000532	23	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000531	22	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000530	14	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000529	13	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000528	19	123A90-FDL-PP-DI 76	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000527	18	123A90-FDL-PP-DI 76	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000526	17	123A90-FDL-PP-DI 76	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 2009712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000525	16	123A90-FDL-PP-DI 76	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000524	1	123A90-FDL-PP-DI 87	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000523	1	123A90-FDL-PP-DI 16	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000522	13	123A90-FDL-PP-DI 16	1	_	V	0.8	2.87	0	DF	A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000521	2	123A90-FDL-PP-DI 116	4	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000520	12	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ABA9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000519	11	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000518	40	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ36
								1	AA	A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000517	27	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 20712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000516	28	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ID 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000515	32	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000514	25	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000513	24	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000512	22	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000511	9	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000510	3	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: AbaziAlban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000509	5	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000508	8	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3	AA-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	22-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000507	7	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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EN 473-ISO9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000506	9	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000505	27	123A90-FDL-PP-DI 55	1	_	V	6.0	7.11	0-1	AB	R	AZ39
								1-2	AA-DF	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-ISO9712
MT-PT-RT

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,132	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000504	26	123A90-FDL-PP-DI 55	1	_	V	6.0	7.11	0-1	AA DF	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000503	7	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1	Ao	A	AZ39
								1-2	EX	R	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
23	3	Contatto	2.0 - 4.0	0,082	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000502	25	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1	W	A	AZ39
								1-2		A	
								2-0	FA-W	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - [illegible] MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000501	4	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 0009712 MT-PT-RT Company: CONTROL Operator: AbaziAlban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contatto	2.0 - 4.0	0,082	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000500	3	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1	DF	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN 473 ISO 9712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000499	27	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1	EX-FA	T	AZ36
								1-2	EX-FA	T	
								2-0	EX-FA	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 20109712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000498	18	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0	F	A	AZ36
								1	AA-F	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000497	16	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000496	13	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 20712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000495	14	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0	DF	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 26/09/12 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000494	8	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000493	6	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AZ36
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

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DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000492	4	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000491	13	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abdul Albani	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473 - 09/12
MT-PT-RT

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000490	11	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1	DF	A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 13537 12 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000489	15	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1	W	A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000488	13	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473-ISO9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000487	11	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473- ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000486	15	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0	F	A	AZ36
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - ISQ9712 MT-PT-RT Company CONTROL Operator Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000485	13	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1	PF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 13697 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000484	11	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 20090712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000483	15	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000482	11	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000481	15	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000480	13	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000479	48	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000478	45	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000477	58	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company CONTROL II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Operator Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO
Report Date
21-10-2024
FOGLIO / sheet n°
1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000476	55	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ-0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000475	20	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: QONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	21-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000474	5	123A90-FDL-PP-DI 68	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000473	25	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1	FA	A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000472	32	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-19712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,061	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000471	6	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 19009712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000470	20	123A90-FDL-PP-DI 16	1	_	V	4.0	3.05	0-1	AA-EX	A	AZ39
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 1669712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000469	22	123A90-FDL-PP-DI 16	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-250712
MT-PT-RT

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000468	23	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible]712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000467	4	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000466	19	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0000712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000465	17	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473/ISO9712
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MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000464	6	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000463	16	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN-ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000462	3	123A90-FDL-PP-DI 16	1	_	V	1.5	3.68	0-1	DF	A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000461	18	123A90-FDL-PP-DI 16	1	_	V	0.8	2.87	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000460	5	123A90-FDL-PP-DI 16	1	_	V	0.8	2.87	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-FML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	17-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000459	2	123A90-FDL-PP-DI 16	1	_	V	0.8	2.87	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000458	14	123A90-FDL-PP-DI 16	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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II LIV. SNT-TC-1A
EN 473-1509712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000457	12	123A90-FDL-PP-DI 16	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-FML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000456	15	123A90-FDL-PP-DI 16	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-4509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000455	2	123A90-FDL-PP-DI 87	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abbazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473-19057712
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000454	2	123A90-FDL-PP-DI 17	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN ISO 9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000453	2	123A90-FDL-PP-DI 71	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 19090712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000452	2	123A90-FDL-PP-DI 79	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-19/09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000451	2	123A90-FDL-PP-DI 83	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000450	1	123A90-FDL-PP-DI 75	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abaz Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000449	1	123A90-FDL-PP-DI 71	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000448	1	123A90-FDL-PP-DI 17	1	_	V	1.5	3.68	0-1	W DF	A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000447	1	123A90-FDL-PP-DI 79	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000446	1	123A90-FDL-PP-DI 83	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 209712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000445	2	123A90-FDL-PP-DI 75	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A9C-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000444	4	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1	W	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME 331.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000443	11	123A90-FDL-PP-DI	72 1	_	V	4.0	3.05	0-1	BE/F/EX	R	AZ36
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 109712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000442	24	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000441	23	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000440	22	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000439	14	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Albani Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000438	13	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN-473 [illegible] 0712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000437	7	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000436	12	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000435	7	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1	FA	A	AZ36
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000434	25	123A90-FDL-PP-DI	72	1	_	V	4.0	3.05	0-1		A	AZ36
									1-2		A	
									2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000433	12	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2	DF	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000432	9	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1	F	A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000431	6	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000430	5	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000429	3	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000428	2	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000427	1	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Aoezi Alhan ABAZI ALBAN II LIV. SNT-TC-1A EN 473-209712 MT-PT-RT	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000426	12	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,106	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000425	21	123A90-FDL-PP-DI 84	1	_	V	3.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,106	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000424	13	123A90-FDL-PP-DI 63	1	_	V	3.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN-ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000423	18	123A90-FDL-PP-DI 88	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2	DF	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-1 009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000422	17	123A90-FDL-PP-DI 88	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000421	16	123A90-FDL-PP-DI 57	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000420	20	123A90-FDL-PP-DI 84	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000419	11	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000418	9	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1	DF	A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000417	8	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IQ09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000416	40	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-5309712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000415	38	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ 9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000414	37	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-RT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000413	35	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Tabla 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000412	41	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 10609712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000411	36	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000410	33	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 2309712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000409	31	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000408	5	123A90-FDL-PP-DI 69	2	_	V	1.0	3.38	0 *		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 509712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000407	4	123A90-FDL-PP-DI 69	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000406	3	123A90-FDL-PP-DI 71	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000405	3	123A90-FDL-PP-DI 75	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 [illegible]0712
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000404	1	123A90-FDL-PP-DI 116	4	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0609712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000403	5	123A90-FDL-PP-DI 70	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: ABAZI ALBAN	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000402	4	123A90-FDL-PP-DI 70	2	_	V	1.0	3.38	0	W	A	AZ36
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000401	19	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: ICONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MT-PT-RT

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000400	18	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0609712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000399	17	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-1209712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000398	15	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000397	14	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000396	3	123A90-FDL-PP-DI 79	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000395	3	123A90-FDL-PP-DI 83	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN 473-5009712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) / Films box	Schermi di rinforzo (mm) / Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) / Unsharpness geom. Ug	Data esposizione / Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000394	3	123A90-FDL-PP-DI 87	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000393	3	123A90-FDL-PP-DI 17	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000392	15	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Aban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ABAN
II LIV. SNT-TC-1A
EN 473-2369712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000391	13	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000390	10	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0000712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000389	8	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRC-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000388	7	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN ISO 9712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000387	5	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: COSTIROM Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-15009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000386	4	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-16009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000385	1	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0	DF	A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens	Sviluppo / Development
Selenium 75	KODAK MX125	1	Front-Back 0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000384	52	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000383	35	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000382	6	123A90-FDL-PP-DI 69	2	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-1509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000381	3	123A90-FDL-PP-DI 116	4	_	V	0.8	2.87	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000380	6	123A90-FDL-PP-DI 70	2	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: ABAZI Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000379	32	123A90-FDL-PP-DI 16	2	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	16-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000378	10	123A90-FDL-PP-DI 16	1	_	V	0.8	2.87	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A815 UNS S32760	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000377	7	123A90-FDL-PP-DI 26	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 0712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,106	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000376	21	123A90-FDL-PP-DI 76	1	_	V	3.0	3.05	0-1	DF	A	AZ35
								1-2	AA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000375	20	123A90-FDL-PP-DI 76	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
DTA After Cutting	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000374	1	123A90-FDL-PP-DI 86	1	_	V	1.0	3.38	0	F	T	AZ53-AZ36
								1	F	T	
								2	F	T	
								3	F	T	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000373	46	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000372	64	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000371	51	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000370	62	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-1-0712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000369	61	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000368	59	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ0712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000367	56	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000366	31	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000365	30	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000364	28	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		C	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000363	65	123A90-FDL-PP-DI 5	3	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000362	63	123A90-FDL-PP-DI 5	2	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000361	26	123A90-FDL-PP-DI 5	2	_	V	0.8	2.87	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	15-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000360	23	123A90-FDL-PP-DI 5	2	_	V	0.8	2.87	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000359	4	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo O 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	DL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000358	3	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2	AA-EX	A	
								2-0	AA-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Employer: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo 0 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000357	1	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	AA-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo O 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000356	18	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1	AA-F	A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712:2012 TC 1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000355	16	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1		A	AZ39
								1-2	EX-F	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo 0 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QC-33 2019-00

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FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000354	19	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1	EX-FA	A	AZ39
								1-2	EX	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Compl. CQ Tecn. Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo 0 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000353	10	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QCONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT SO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000352	8	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1	W	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
0 9712/SNT-TC-1A
Operator: Partisani Riccardo

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,046	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000351	6	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1	DF	A	AZ39
								1-2		A	
								2-0	DF-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT 0 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000350	42	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000349	11	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0	DF-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
SO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000348	4	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo SQ 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000347	4	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2	FA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT 0 9712/SNT-TC-1A	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000346	11	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000345	5	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000344	6	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000343	9	123A90-FDL-PP-DI 76	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31 3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,082	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000342	8	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1		A	AZ39-AZ35
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo 0 9712/SNT-TC-1A	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000341	25	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Impianti CONTROLLI II Level VT-MT-PT-RT Operator Partisani Riccardo IC0 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000340	26	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000339	29	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo SQ 97-12/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000338	28	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo SO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRC-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000337	4	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000336	6	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000335	11	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Controllo CONFORME	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
Operator: Partisani Riccardo
SO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000334	2	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000333	12	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Stamp: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo 'SO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	14-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000332	38	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Il Level VT-MT-PT-RT Operator: Partisani Riccardo 0 97127SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000331	39	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,061	12-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000330	6	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1	W	~~A~~ C	AZ39
								1-2		~~A~~ C	
								2-0		~~A~~ C	

NOTE / Remarks: RE-SHOOT ON FILM SK82, MARKING/PUNCHING NOT ALLOWED

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473 4609712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contatto	2.0 - 4.0	0,061	12-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000329	3	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A C	AZ39
								1-2		A C	
								2-0	DF	A C	

NOTE / Remarks: RE-SHOOT ON FILM SK82, MARKING/PUNCHING NOT ALLOWED

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	12-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000328	3	123A90-FDL-PP-DI 82	1	_	V	0.8	2.87	0		A	AZ39
								1		A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

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DATA RAPPORTO Report Date: 12-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	12-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000327	2	123A90-FDL-PP-DI 82	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	DF-FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: I.C.T. CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	12-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000326	1	123A90-FDL-PP-DI 82	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN 473 ISO9712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,046	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000325	3	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	DF	C	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks
POS. 0-1 RRX TO CONFIRM DEFECT

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Stamped: CONTROLLED II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,046	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000324	13	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	AA-IN	A	AZ39
								1-2	EX	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,046	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000323	11	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2	AA-EX	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,046	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000322	4	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2	AA-DF-EX	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controllo / CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341 3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000321	6	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1	AB	R	AZ35
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-FML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000320	9	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2	DF	A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000319	12	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	EX-W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000318	6	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1	DF	A	AZ35
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000317	5	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1	F	A	AZ35
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000316	3	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company QC NDT Rep. Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000315	9	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A Riccardo Partisani	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000314	12	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Data/Date: 11-10-2024 Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000313	5	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000312	3	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000311	16	123A90-FDL-PP-DI 88	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000310	19	123A90-FDL-PP-DI 88	1	_	V	2.0	2.77	0-1	DF	A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000309	24	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000308	23	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	23A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000307	22	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2	DF	A	
								2-3		A	
								3-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Contatto	2.0 - 4.0	0,082	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000306	13	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1	EX	A	AZ35
								1-2		A	
								2-3	EX	A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Riccardo Partisani	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000305	25	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000304	17	123A90-FDL-PP-DI	2	2	_	V	2.0	2.77	0-1	EX	A	AZ35
									1-2		A	
									2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company Stamp Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-FML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000303	14	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000302	16	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2--ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000301	15	123A90-FDL-PP-DI	2 2	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000300	2	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000299	1	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000298	11	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1	DF	A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000297	9	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1	W	A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Contatto	2.0 - 4.0	0,082	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000296	7	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT TC-1A EN 473 0309712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW/+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-FRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000295	6	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN 473 ISO9712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000294	5	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 ISO 9712
MT-PT-RT

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000293	7	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000292	3	123A90-FDL-PP-DI 45	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IS09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000291	7	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: QONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000290	6	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000289	5	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban ABAZ ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000288	4	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000287	2	123A90-FDL-PP-DI 69	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SMAW C-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-38 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000286	1	123A90-FDL-PP-DI 69	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000285	3	123A90-FDL-PP-DI 69	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	10-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000284	34	123A90-FDL-PP-DI 122	2	_	V	0.8	2.87	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,132	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000283	27	123A90-FDL-PP-DI 80	1	_	V	6.0	7.11	0-1		A	AZ35
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Adazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,132	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000282	26	123A90-FDL-PP-DI 80	1	_	V	6.0	7.11	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,132	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000281	26	123A90-FDL-PP-DI 88	1	_	V	6.0	7.11	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,132	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000280	27	123A90-FDL-PP-DI 88	1	_	V	6.0	7.11	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000279	14	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000278	2	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Contatto	2.0 - 4.0	0,082	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000277	25	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000276	3	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000275	1	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-0009712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000274	5	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AZ36
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-0007'6 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000273	4	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1	AA	A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 1509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Contatto	2.0 - 4.0	0,082	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000272	25	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1	DF	A	AZ35
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,106	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000271	21	123A90-FDL-PP-DI 80	1	_	V	3.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: AbazAlban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IQS 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,106	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000270	21	123A90-FDL-PP-DI 88	1	_	V	3.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000269	20	123A90-FDL-PP-DI 80	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PM_-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000268	18	123A90-FDL-PP-DI 80	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000267	17	123A90-FDL-PP-DI 80	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000266	16	123A90-FDL-PP-DI 80	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00073 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000265	19	123A90-FDL-PP-DI 80	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000264	20	123A90-FDL-PP-DI 88	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000263	3	123A90-FDL-PP-DI 70	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000262	2	123A90-FDL-PP-DI 70	1	_	V	1.0	3.38	0		A	AZ36
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	09-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000261	1	123A90-FDL-PP-DI 70	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000260	2	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000259	23	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000258	20	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000257	19	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000256	10	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000255	9	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000254	12	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000253	11	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Campana: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000252	3	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000251	2	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT PT RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000250	22	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000249	21	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QCONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000248	4	123A90-FDL-PP-DI 15	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000247	1	123A90-FDL-PP-DI 38	1	_	V	2.0	2.77	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000246	1	123A90-FDL-PP-DI 37	1	_	V	2.0	2.77	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000245	34	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473/ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRC-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000244	21	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN-ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000243	20	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000242	16	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000241	8	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0	DF	A	AZ53
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000240	49	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 090712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000239	43	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000238	53	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 1509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000237	36	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 ISO9712
MT-PT-RT

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ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000236	2	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000235	14	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000234	13	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000233	12	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN 473 ISO 9712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000232	10	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000231	9	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN-473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	07-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000230	6	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0	DF	A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000229	6	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	C	R	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 - 230712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000228	8	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1	F	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ-9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000227	7	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 19/09712 MT-PT RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000226	6	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473/ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000225	11	123A90-FDL-PP-DI 6	1	_	V	6.0	3.40	0-1	DF	A	AZ39
								1-2	DF	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 25/07/12 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000224	9	123A90-FDL-PP-DI 6	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abdel Albari	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI AL BAN
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EN 473 - 12097712
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000223	8	123A90-FDL-PP-DI 6	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 12 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000222	7	123A90-FDL-PP-DI 89	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2-ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000221	9	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000220	7	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	DF	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000219	9	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000218	6	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 20712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000217	8	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000216	8	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1	DF	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 009712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000215	9	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN 473 ISO9712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000214	9	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IS09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000213	7	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000212	8	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ID 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000211	7	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	F	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abaz Alban ABAZ ALBAN II LIV. SNT-TC-1A EN 473 009712 MT PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000210	6	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000209	7	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN-473-309712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	05-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000208	8	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 20009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000207	3	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000206	2	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0033 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000205	1	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000204	3	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000203	1	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000202	2	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2	DF	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000201	1	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000200	3	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473 ISO 9712
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000199	2	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0	FA EX	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) / Films box	Schermi di rinforzo (mm) / Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) / Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000198	1	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000197	3	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000196	2	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000195	1	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000194	9	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000193	8	123A90-FDL-PP-DI 89	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000192	6	123A90-FDL-PP-DI 89	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000191	3	123A90-FDL-PP-DI 89	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000190	2	123A90-FDL-PP-DI 89	1	_	V	6.0	3.40	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: AbaziAlban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000189	1	123A90-FDL-PP-DI 89	1	_	V	6.0	3.40	0-1	DF	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000188	4	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000187	3	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1		A	AZ53
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000186	2	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1	DF	A	AZ53
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Coce	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000185	3	123A90-FDL-PP-DI	39 1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000184	2	123A90-FDL-PP-DI 39	1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000183	4	123A90-FDL-PP-DI 39	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000182	2	123A90-FDL-PP-DI 38	1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000181	3	123A90-FDL-PP-DI	38 1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Gavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000180	4	123A90-FDL-PP-DI 38	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	FA FX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000179	4	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000178	3	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000177	2	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) / Films box	Schermi di rinforzo (mm) / Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) / Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Contatto	2.0 - 4.0	0,082	06-10-2024

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000176	12	123A90-FDL-PP-DI	6	1	_	V	4.0	3.05	0-1		A	AZ39
									1-2		A	
									2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0009712 MT-UT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME 331.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000175	1	123A90-FDL-PP-DI	18 1	_	V	2.0	2.77	0-1	DF	A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000174	1	123A90-FDL-PP-DI 41	1	_	V	2.0	2.77	0-1		A	AZ53
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000173	1	123A90-FDL-PP-DI 39	1	_	V	2.0	2.77	0-1	DF	A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Carmine CONTROL	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Operator: Partisani Riccardo

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A182 Gr.F55	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000172	20	123A90-FDL-PP-DI 25	1	_	V	0.8	2.87	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A182 Gr.F55	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000171	21	123A90-FDL-PP-DI 23	1	_	V	0.8	2.87	0		A	AZ39
								1		A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2-ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000170	3	123A90-FDL-PP-DI 74	1	_	V	0.8	2.87	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 2310609712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000169	3	123A90-FDL-PP-DI 78	1	_	V	0.8	2.87	0		A	AZ53
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ICQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000168	6	123A90-FDL-PP-DI 78	2	_	V	0.8	2.87	0	W	A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT ABAZI ALBAN	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000167	6	123A90-FDL-PP-DI 82	2	_	V	0.8	2.87	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000166	3	123A90-FDL-PP-DI 86	1	_	V	0.8	2.87	0		A	AZ53
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL Operator: Abazi Alban II LIV. SNT-TC-1A EN 473 ICO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000165	6	123A90-FDL-PP-DI 86	2	_	V	0.8	2.87	0	AA	A	AZ53
								1	W	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-15009712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Single Wall DW DIRECT	2.0 - 4.0	0,087	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000164	5	123A90-FDL-PP-DI 86	2	_	V	1.0	3.38	0		A	AZ53
								1	~~F~~ F	~~A~~ R	
								2		A	
								3		A	

NOTE / Remarks: UNDERCUT NOT ALLOWED AS PER TABLE IP-10.4.3-1 ASME B31.12 PIPING GLASS >150 HYDROGEN

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: ~~ABAZI Alban~~	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA 10/10/24			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 - 009712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000163	4	123A90-FDL-PP-DI 86	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Gavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000162	2	123A90-FDL-PP-DI 86	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000161	1	123A90-FDL-PP-DI 86	1	_	V	1.0	3.38	0	AB	T	AZ53-AZ36
								1	AB	T	
								2	AB	T	
								3	AB	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: AbazhAlban ABAZHALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000160	5	123A90-FDL-PP-DI 82	2	_	V	1.0	3.38	0		A	AZ53
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens	Sviluppo / Development
Selenium 75	KODAK MX125	1	Front-Back 0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000159	4	123A90-FDL-PP-DI 82	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Alban Alban ABAZ ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000158	5	123A90-FDL-PP-DI 78	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SMT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000157	4	123A90-FDL-PP-DI 78	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000156	2	123A90-FDL-PP-DI 78	1	_	V	1.0	3.38	0	DF	A	AZ53
								1		A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban ABAZ ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000155	1	123A90-FDL-PP-DI 78	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000154	2	123A90-FDL-PP-DI 74	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000153	1	123A90-FDL-PP-DI 74	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F55 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000152	3	123A90-FDL-PP-DI 150	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Agazi Alban II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavezzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDI.-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000151	8	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000150	7	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	EX	A	
								2-0		A	

NOTE / Remarks
POS 1-2 DUSTY TO BE REMOVED

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000149	5	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1	AA	A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Il Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000148	8	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1	DF-FA	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000147	7	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Il Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000146	5	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2--ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000145	8	123A90-FDL-PP-DI 39	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	AR	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000144	7	123A90-FDL-PP-DI 39	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	EX	A	
								2-0		A	

NOTE / Remarks: POS. 1-2 DUSTY CUTTING BURR TO BE REMOVED

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL 4 Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT MT PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000143	5	123A90-FDL-PP-DI 39	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000142	8	123A90-FDL-PP-DI 38	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	EX	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000141	7	123A90-FDL-PP-DI 38	1	_	V	4.0	3.05	0-1	AA	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A Riccardo Partisani	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000140	5	123A90-FDL-PP-DI 38	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000139	8	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	AB EX	R	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000138	7	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level MT-MT-PT-RT
ISO 9712/SNT-TC-1A

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000137	5	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000136	8	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2	AA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000135	7	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Company CONTROL

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000134	5	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1		A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000133	7	123A90-FDL-PP-DI 6	1	_	V	6.0	3.40	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controlled COPY Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

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COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1,40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000132	4	123A90-FDL-PP-DI	6	1	_	V	6.0	3.40	0-1		A	AZ39
									1-2		A	
									2-0	Ae	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000131	5	123A90-FDL-PP-DI	6	1	_	V	6.0	3.40	0-1	EX	A	AZ39
									1-2	AA-EX-F	A	
									2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Contatto	2.0 - 4.0	0,061	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000130	3	123A90-FDL-PP-DI 6	1	_	V	6.0	3.40	0-1	AA-EX	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Parlisani Company: CONTROL II Level MT-MT-PT-RT ISO 9712/SNT-TC-1A Operator / Parlisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000129	2	123A90-FDL-PP-DI	6	1	_	V	6.0	3.40	0-1	EX	A	AZ39
									1-2		A	
									2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: COMPONENTI Operator: Parisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Parisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,061	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000128	1	123A90-FDL-PP-DI 6	1	_	V	6.0	3.40	0-1	EX	A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000127	9	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company CONTROL II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000126	9	123A90-FDL-PP-DI	39 1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000125	9	123A90-FDL-PP-DI 38	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Parisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Parisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000124	4	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2	DF-EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000123	9	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2	DF	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator / Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000122	4	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000121	9	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1	DF	A	AZ39
								1-2	W	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000120	9	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000119	3	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Parisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator Parisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000118	2	123A90-FDL-PP-DI	37 1	_	V	4.0	3.05	0-1		A	AZ52
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000117	3	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1		A	AZ53
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contatto	2.0 - 4.0	0,082	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000116	2	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1	FA	A	AZ53
								1-2	AA-EX	A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000115	1	123A90-FDL-PP-DI 40	1	_	V	2.0	2.77	0-1		A	AZ53
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Riccardo Partisani Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,115	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000114	16	123A90-FDL-PP-DI 26	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Inspector: V. Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,115	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000113	12	123A90-FDL-PP-DI 23	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0	FA-W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,115	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000112	5	123A90-FDL-PP-DI 23	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2	W	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: MONTEC Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,073	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000111	6	123A90-FDL-PP-DI 74	2	_	V	0.8	2.87	0	AA	A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavezzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) / Films box	Schermi di rinforzo (mm) / Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) / Unsharpness geom. Ug	Data esposizione / Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-10-2024

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. / Report	SALD / Weld	DISEGNO / Drawing	Fg / Sh	MARCA / Mark	CIANF. / Bevel	DIMENSIONE / Dimension	Sp. Thk (mm)	POS. / Film pos.	INDICAZIONI / Indications	ESITO / Result	SALDATORI / Welders
000110	5	123A90-FDL-PP-DI 74	2	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. C0

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000109	4	123A90-FDL-PP-DI 74	2	_	V	1.0	3.38	0	FA	A	AZ53
								1	FA	A	
								2	FA	A	
								3	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000108	6	123A90-FDL-PP-DI 158	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: QCONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000107	7	123A90-FDL-PP-DI 7	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473-150509712
MT-PT-RT

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000106	4	123A90-FDL-PP-DI 158	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000105	10	123A90-FDL-PP-DI 100	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000104	18	123A90-FDL-PP-DI 30	2	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT PT RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000103	16	123A90-FDL-PP-DI 30	2	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000102	2	123A90-FDL-PP-DI 4	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000101	13	123A90-FDL-PP-DI 3	1	_	V	1.0	4.55	0	AA	A	AZ53
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000100	30	123A90-FDL-PP-DI 122	2	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000099	3	123A90-FDL-PP-DI 42	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,085	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97.2 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000098	5	123A90-FDL-PP-DI 15	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2	AA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IQ09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,085	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97.2 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000097	3	123A90-FDL-PP-DI 15	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,085	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97.2 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000096	1	123A90-FDL-PP-DI 15	1	_	V	2.0	2.77	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,160	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	94.9 mm	5.10	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000095	33	123A90-FDL-PP-DI 31	3	_	V	1.5	5.08	0-1		A	AZ53
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F55 ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000094	23	123A90-FDL-PP-DI 23	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000093	79	123A90-FDL-PP-DI 36	6	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
26	3	Contatto	2.0 - 4.0	0,115	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000092	76	123A90-FDL-PP-DI 36	6	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000091	88	123A90-FDL-PP-DI 36	5	_	V	1.5	3.68	0-1		A	AZ35
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000090	10	123A90-FDL-PP-DI 114	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000088	14	123A90-FDL-PP-DI 100	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000087	5	123A90-FDL-PP-DI 30	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A350 Gr.LF2	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000086	7	123A90-FDL-PP-DI 124	1	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A350 Gr.LF2	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000085	6	123A90-FDL-PP-DI 35	1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000084	11	123A90-FDL-PP-DI 33	1	_	V	1.0	4.55	0	AA	A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-FP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000083	9	123A90-FDL-PP-DI	32 1	_	V	1.0	4.55	0		A	AZ53
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000082	2	123A90-FDL-PP-DI 27	1	_	V	1.0	4.55	0	DF-EX	A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 0509712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A182 Gr.F55	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000081	5	123A90-FDL-PP-DI 25	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 0009712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 26-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	26-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000080	1	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000079	14	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2	W	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000078	17	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP' ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000077	18	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000076	7	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2	FA	A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME: B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000075	6	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,073	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000074	3	123A90-FDL-PP-DI 107	1	_	V	0.8	2.87	0		A	AZ39
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,073	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000073	8	123A90-FDL-PP-DI 36	1	_	V	0.8	2.87	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	19-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000072	109	123A90-FDL-PP-DI	36 5	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000071	16	123A90-FDL-PP-DI 122	2	_	V	1.0	3.38	0	W	A	AZ35
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000070	45	123A90-FDL-PP-DI 36	3	_	V	1.5	3.68	0-1		A	AZ35
								1-2	AA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000069	39	123A90-FDL-PP-DI	36 3	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000068	3	123A90-FDL-PP-DI 36	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000067	73	123A90-FDL-PP-DI	36 6	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000066	104	123A90-FDL-PP-DI 36	7	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000065	10	123A90-FDL-PP-DI 42	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	F-W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
26	3	Contatto	2.0 - 4.0	0,046	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000064	12	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000063	18	123A90-FDL-PP-DI 122	2	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000062	11	123A90-FDL-PP-DI 65	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000061	10	123A90-FDL-PP-DI 113	1	_	V	1.0	3.38	0	AA	A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000060	3	123A90-FDL-PP-DI 20	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000059	1	123A90-FDL-PP-DI 47	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000058	3	123A90-FDL-PP-DI 49	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000057	3	123A90-FDL-PP-DI 109	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ... 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
26	4	Diretta	2.0 - 4.0	0,087	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000056	2	123A90-FDL-PP-DI 65	1	_	V	1.0	3.38	0		A	AZ35
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000055	25	123A90-FDL-PP-DI 36	2	_	V	1.5	3.68	0-1	DF	A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000054	18	123A90-FDL-PP-DI 36	1	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000053	30	123A90-FDL-PP-DI 36	2	_	V	1.5	3.68	0-1		A	AZ35
								1-2	AA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Tabla 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000052	119	123A90-FDL-PP-DI 36	8	_	V	1.5	3.68	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QCONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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RADIOGRAPHIC TEST REPORT

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FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000051	5	123A90-FDL-PP-DI 102	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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MT-PT-RT

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000050	18	123A90-FDL-PP-DI 127	2	_	V	1.5	3.68	0-1		A	AZ53
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000049	11	123A90-FDL-PP-DI 66	1	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	18-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000048	21	123A90-FDL-PP-DI 62	2	_	V	1.0	4.55	0		A	AZ52
								1	W	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000047	10	123A90-FDL-PP-DI 42	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	C-W	R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000046	24	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1		A	AZ39
								1-2	EX	A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000045	12	123A90-FDL-PP-DI 42	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2	F	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000044	21	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000043	22	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Alban Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000042	9	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000041	1	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	DF	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000040	12	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2	F	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Albazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000039	14	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Panoramica	2.0 - 4.0	0,095	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	132 mm	4.20	136,5 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000038	10	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,046	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000037	15	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,115	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000036	17	123A90-FDL-PP-DI 127	2	_	V	1.5	3.68	0-1		A	AZ53
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000035	3	123A90-FDL-PP-DI 119	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000034	1	123A90-FDL-PP-DI 104	1	_	V	1.0	3.38	0		A	AZ39
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000033	7	123A90-FDL-PP-DI 103	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000032	5	123A90-FDL-PP-DI 101	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000031	17	123A90-FDL-PP-DI 95	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000030	12	123A90-FDL-PP-DI 95	1	_	V	1.0	3.38	0		A	AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Diretta	2.0 - 4.0	0,087	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000029	7	123A90-FDL-PP-DI 95	1	_	V	1.0	3.38	0	AA	A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A350 Gr.LF2	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,160	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	94.9 mm	5.10	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000028	4	123A90-FDL-PP-DI 97	1	_	V	1.5	5.08	0-1		A	AZ52
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	ID.-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000027	9	123A90-FDL-PP-DI 66	1	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000026	18	123A90-FDL-PP-DI 62	2	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000025	1	123A90-FDL-PP-DI 62	1	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000024	19	123A90-FDL-PP-DI 34	1	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-09-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2--ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Single Wall	2.0 - 4.0	0,116	11-09-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000023	6	123A90-FDL-PP-DI 34	1	_	V	1.0	4.55	0		A	AZ52
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,071	25-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	267mm	6.30	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000022	22	123A90-FDL-PP-DI 129	1	_	V	10.0	6.35	0-1	FA	A	AX410
								1-2	F	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi per Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,071	25-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	267mm	6.30	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000021	18	123A90-FDL-PP-DI 129	1	_	V	10.0	6.35	0-1		A	AX410
								1-2	FA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. *Alberto Cavazzi* *per* Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,166	25-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	108.3 mm	6.00	114,3 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000020	6	123A90-FDL-PP-DI 131	1	_	V	4.0	6.02	0-1		A	AX410
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi per Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,197	25-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000019	9	123A90-FDL-PP-DI 137	1	_	V	3.0	5.49	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi per Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contatto	2.0 - 4.0	0,197	25-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000018	1	123A90-FDL-PP-DI 143	1	_	V	3.0	5.49	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi per Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1B	GTAW+FCAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A350 Gr.LF2 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	1	Contatto	2.0 - 4.0	0,071	09-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	267mm	6.30	273,0 mm	4.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000017	1	123A90-FDL-PP-DI 129	1	_	V	10.0	6.35	2-0	F	A	AZ35-AZ 32

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi per Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	1	Contatto	2.0 - 4.0	0,197	09-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000016	3	123A90-FDL-PP-DI 142	1	_	V	3.0	5.49	2-0		A	AZ 32-AZ35

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi per Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1B	GTAW+FCAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Contatto	2.0 - 4.0	0,071	02-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	267mm	6.30	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000015	3	123A90-FDL-PP-DI 129	1	_	V	10.0	6.35	0-1	AA	A	AZ35
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	ROSETTI MARINO SpA Alberto Modenti Quality Control Dept.			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-07-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1B	GTAW+FCAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A350 Gr.LF2 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Contatto	2.0 - 4.0	0,071	02-07-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	267mm	6.30	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000014	1	123A90-FDL-PP-DI 129	1	_	V	10.0	6.35	0-1		A	AZ35
								1-2	DF	A	
								2-0	C	R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	ROSETTI MARINO SpA Alberto Mordenti Quality Control Dept.			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 [illegible]9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1B	GTAW+FCAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,060	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	317 mm	6.30	323,8 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000013	9	123A90-FDL-PP-DI 128	1	_	V	12.0	6.35	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Enzo Sortino Quality Control Department ROSETTI MARINO SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
A1B	GTAW+FCAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,060	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	317 mm	6.30	323,8 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000012	6	123A90-FDL-PP-DI 128	1	_	V	12.0	6.35	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Enzo Sorino Quality Control Departmen ROSETTI MARINO SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,151	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	108,8 mm	5.50	114,3 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000011	3	123A90-FDL-PP-DI 132	1	_	V	4.0	5.49	0-1	AA	A	AZ 32
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONAM Operator: Partisani Riccardo	Enzo Sorino Quality Control Department ROSETTI MARINO SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1B	GTAW+FCAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,166	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	108.3 mm	6.00	114,3 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000010	9	123A90-FDL-PP-DI 131	1	_	V	4.0	6.02	0-1	AA	A	AZ 32
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Enzo Sortino Quality Control Department ROSETTI MARINO SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP iTP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000009	3	123A90-FDL-PP-DI 142	1	_	V	3.0	5.49	0-1		A	AZ 32
								1-2		A	
								2-0	F	R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Enzo Sortino Quality Control Department ROSETTI MARINO SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000008	5	123A90-FDL-PP-DI 148	1	_	V	3.0	5.49	0-1		A	AZ 32
								1-2	W	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Nominativo: COGNOME Operator: Parisani Riccardo	Enzo Sorino Quality Control Department ROSETTI MARINO SpA			

Riccardo Parisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000007	6	123A90-FDL-PP-DI 147	1	_	V	3.0	5.49	0-1		A	AZ35
								1-2		A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Enzo Sorrino Quality Control Department ROSETTI MARINO SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000006	6	123A90-FDL-PP-DI 141	1	_	V	3.0	5.49	0-1		A	AZ35
								1-2		A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: DNV-RBI Operator: Radicani Riccardo	Enzo Sortino Quality Control Department ROSETTI MARINO SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000005	5	123A90-FDL-PP-DI 138	1	_	V	3.0	5.49	0-1		A	AZ35
								1-2		A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controllo CND RO Operator Partisani Riccardo	Enzo Sorino Quality Control Department ROSETTI MARINO SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000004	3	123A90-FDL-PP-DI 138	1	_	V	3.0	5.49	0-1		A	AZ 32
								1-2	F	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Enzo Sortino Quality Control Department ROSETTI MARINO SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000003	8	123A90-FDL-PP-DI 137	1	_	V	3.0	5.49	0-1		A	AZ 32
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CND Control II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Enzo Sorbo Quality Control Departmen ROSETTI MARINO SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000002	6	123A90-FDL-PP-DI 137	1	_	V	3.0	5.49	0-1		A	AZ35
								1-2		A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: ACCUTEST Operator: Partisani Riccardo	Enzo Sorrentino Quality Control Department ROSETTI MARINO SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 21-06-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
28	3	Contatto	2.0 - 4.0	0,197	21-06-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	83,4 mm	5.50	88.9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000001	1	123A90-FDL-PP-DI 135	1	_	V	3.0	5.49	0-1		A	AZ35
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani Company CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Enzo Sorrino Quality Control Department ROSETTI MARINO SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contact	2.0 - 4.0	0,046	13-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001208	9	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39-AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001207	13	123A90-FDL-PP-DI	2 2	_	V	2.0	2.77	0-1		A	AX84-AX 453-AX410
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-12209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Double Wall Single Viewing	2.0 - 4.0	0,085	07-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001206	1	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AX 453-AX410
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473-19/9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	07-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001205	8	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ53-AX416-AX 453
								1		A	
								2	F	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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II LIV. SNT-TC-1A
EN 473 [illegible] 9712
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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	07-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001204	1	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 05-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contact	2.0 - 4.0	0,046	05-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001203	6	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	DF	A	AZ39-AX 453
								1-2	EX-IN	A	
								2-0	DF-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contact	2.0 - 4.0	0,046	04-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001202	16	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	W	A	AX 453
								1-2	EX-IN	A	
								2-0	DF-F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
28	3	Contact	2.0 - 4.0	0,046	04-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001201	6	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		C	AZ39-AX 453
								1-2		C	
								2-0		C	

NOTE / Remarks
RRX ; OBJECT INSIDE - TO REMOVE AND REPEAT FILMS

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Gavazzi Rosetti Marino SpA			

ABAZI ALBAN
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EN 473 [illegible] 9712
MT-PT-RT

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Double Wall Single Viewing	2.0 - 4.0	0,085	03-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001200	45	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Double Wall Single Viewing	2.0 - 4.0	0,085	03-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001199	35	123A90-FDL-PP-DI	16	2	_	V	2.0	2.77	0-1		A	AZ36-AX 453
									1-2		A	
									2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712 Operator Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001198	2	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AZ36-AX 453
								1		A	
								2	FA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-02-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	03-02-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001197	27	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AX 453
								1	FA	A	
								2	EX	A	
								3	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 28-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Single Wall	2.0 - 4.0	0,116	28-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001196	20	123A90-FDL-PP-DI 31	2	_	V	1.0	4.55	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Single Wall	2.0 - 4.0	0,116	27-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001195	5	123A90-FDL-PP-DI 29	1	_	V	1.0	4.55	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Single Wall	2.0 - 4.0	0,116	27-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001194	4	123A90-FDL-PP-DI 29	1	_	V	1.0	4.55	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: ROSETTI MARINO Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 24-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,085	24-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001193	8	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		A	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 22-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	22-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001192	6	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 22-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,085	22-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001191	8	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1		R	AX84
								1-2	W	A	
								2-0	EX	R	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 10009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	21-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001190	6	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1		C	AX410
								1-2		C	
								2-0		C	

NOTE / Remarks
RRX - CHAIN INSIDE PIPE; TO REMOVE AND REPEAT FILMS

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,085	21-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001189	4	123A90-FDL-PP-DI 2	1	_	V	2.0	2.77	0-1	F	A	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	21-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001188	1	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AX 453
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	21-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001187	10	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 20-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	20-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001186	6	123A90-FDL-PP-DI 41	1	_	V	4.0	3.05	0-1		C	AX410
								1-2		C	
								2-0		C	

NOTE / Remarks
RRX - CHAIN INSIDE PIPE; TO REMOVE AND REPEAT FILMS

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 20-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	20-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001185	5	123A90-FDL-PP-DI 89	1	_	V	4.0	3.05	0-1	EX	A	AX84
								1-2	AA	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 20-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,062	20-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001184	4	123A90-FDL-PP-DI 89	1	_	V	6.0	3.40	0-1		A	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 20-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	20-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001183	10	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-UT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 20-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	20-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001182	10	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2	IN	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 209712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	18-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001181	10	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	18-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001180	8	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SN-TC-1A EN 473 [illegible] 712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,062	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001179	11	123A90-FDL-PP-DI 42	1	_	V	6.0	3.40	0-1		A	AX84
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	18-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001178	6	123A90-FDL-PP-DI 63	1	_	V	4.0	3.05	0-1	EX	A	AX410
								1-2	IN	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	18-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001177	21	123A90-FDL-PP-DI 16	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	18-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001176	6	123A90-FDL-PP-DI 40	1	_	V	4.0	3.05	0-1		A	AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	18-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001175	6	123A90-FDL-PP-DI 38	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001174	6	123A90-FDL-PP-DI 18	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONAM II Level MT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001173	5	123A90-FDL-PP-DI 58	1	_	V	4.0	3.05	0-1		A	AX410
								1-2	EX	A	
								2-0	IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company CONFIDENTIAL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001172	6	123A90-FDL-PP-DI 37	1	_	V	4.0	3.05	0-1		A	AX410
								1-2	AA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001171	36	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AX416-AX84
								1-2	AA-FA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001170	41	123A90-FDL-PP-DI 61	3	_	V	1.0	3.38	0		A	AX416-AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company / COMPANY Operator / Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001169	1	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36-AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001168	47	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controllo QC Prodotti	Quality Control Dept. Alberto Catazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Operator: Partisani Riccardo

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	17-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001167	60	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3	EX-FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONSULT Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,046	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001166	13	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1		A	AX84
								1-2	EX	A	
								2-0	AA-DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001165	44	123A90-FDL-PP-DI 61	3	_	V	1.0	3.38	0	DF	A	AX84
								1		A	
								2	EX	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 [illegible] 712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001164	6	123A90-FDL-PP-DI 61	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001163	5	123A90-FDL-PP-DI 85	1	_	V	4.0	3.05	0-1	FA	A	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001162	10	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001161	9	123A90-FDL-PP-DI 61	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001160	6	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0	EX	A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	16-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001159	15	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0	AQ	A	AZ36-AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	15-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001158	4	123A90-FDL-PP-DI 85	1	_	V	6.0	3.40	0-1		A	AX 453
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-01-2025
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	15-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001157	5	123A90-FDL-PP-DI 73	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 15-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
23	3	Contact	2.0 - 4.0	0,062	15-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001156	4	123A90-FDL-PP-DI 73	1	_	V	6.0	3.40	0-1		A	AX410
								1-2	F	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 15-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) / Films box	Schermi di rinforzo (mm) / Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) / Unsharpness geom. Ug	Data esposizione / Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	15-01-2025

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001155	3	123A90-FDL-PP-DI 61	1	_	V	1.0	3.38	0		A	AX 453
								1	EX	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	15-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001154	12	123A90-FDL-PP-DI 61	1	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	14-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001153	5	123A90-FDL-PP-DI 42	1	_	V	6.0	3.40	0-1		A	AX 453
								1-2	AA DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	14-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001152	5	123A90-FDL-PP-DI 77	1	_	V	4.0	3.05	0-1		A	AX410
								1-2		A	
								2-0		A	

NOTE / Remarks
POS. 1-2 DUSTY INSIDE

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	14-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001151	4	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		A	AX410
								1-2		A	
								2-0	EX-W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 14-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	14-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggeito-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001150	6	123A90-FDL-PP-DI 39	1	_	V	4.0	3.05	0-1		A	AX 453
								1-2	AA	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abad Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAD ALBAN
II LIV. SNT-TC-1A
EN 473 ISO 9712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	13-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001149	2	123A90-FDL-PP-DI 44	1	_	V	6.0	3.40	0-1	AA	A	AX 453
								1-2	AA-F	A	
								2-0	AA-F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: COMEX Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	13-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001148	5	123A90-FDL-PP-DI 44	1	_	V	6.0	3.40	0-1	EX-IN	A	AX410
								1-2		A	
								2-0	EX-IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	13-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001147	4	123A90-FDL-PP-DI 77	1	_	V	6.0	3.40	0-1		C	AX410
								1-2		C	
								2-0		C	

NOTE / Remarks
TO REMOVE OBJECT INSIDE AND REPEAT FILMS

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTRAL Operator: Cartisani Riccardo Riccardo Cartisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,082	13-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001146	5	123A90-FDL-PP-DI 81	1	_	V	4.0	3.05	0-1	FA	A	AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL-X Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,046	09-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001145	11	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1	EX-W	A	AX84
								1-2	EX-FA	A	
								2-0	AA-FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	09-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001144	2	123A90-FDL-PP-DI 42	1	_	V	6.0	3.40	0-1		A	AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks
POS. 1-2 DUSTY INSIDE

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Campedel Corrado Operator	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Partisani Riccardo

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001143	1	123A90-FDL-PP-DI	2	1	_	V	2.0	2.77	0-1	EX	A	AX 453
									1-2		A	
									2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	10-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001142	9	123A90-FDL-PP-DI 44	1	_	V	6.0	3.40	0-1		A	AX84
								1-2		A	
								2-0	AA-DF-F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	10-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001141	4	123A90-FDL-PP-DI 58	1	_	V	6.0	3.40	0-1	F DP	A	AX84
								1-2	FA DF	A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,062	10-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001140	4	123A90-FDL-PP-DI 81	1	_	V	6.0	3.40	0-1	FA	A	AX 453
								1-2	W	A	
								2-0	F-FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	10-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001139	10	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 IR-9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	10-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001138	10	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Contact	2.0 - 4.0	0,046	09-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001137	16	123A90-FDL-PP-DI 44	1	_	V	10.0	4.19	0-1		A	AX 453
								1-2	IN-W	A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001136	26	123A90-FDL-PP-DI	2 1	_	V	2.0	2.77	0-1		A	AX 453
								1-2		A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,085	09-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001135	13	123A90-FDL-PP-DI	2 2	_	V	2.0	2.77	0-1		A	AX84-AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 09-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
DTA After Cutting	ASTM A350 Gr.LF2 ASTM A333 Gr.6	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Single Wall	2.0 - 4.0	0,116	09-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001134	1	123A90-FDL-PP-DI	124 1	_	V	1.0	4.55	0	AA	A	AZ53
								1	FA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 08-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,046	08-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001133	15	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	EX W	A	AX 453
								1-2	EX-F	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: COMPANY Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 08-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	1	Contact	2.0 - 4.0	0,062	08-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001132	17	123A90-FDL-PP-DI 42	2	_	V	6.0	3.40	0-1	AA-FA	A	AX416-AX 453

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 08-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	08-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001131	2	123A90-FDL-PP-DI 15	1	_	V	2.0	2.77	0-1		A	AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 08-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	08-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001130	9	123A90-FDL-PP-DI 42	1	_	V	2.0	2.77	0-1	DF	A	AX 453
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company Control II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 08-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,062	08-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001129	6	123A90-FDL-PP-DI 6	1	_	V	6.0	3.40	0-1		A	AX 453
								1-2		A	
								2-0	AA-FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 08-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	2	Double Wall Double View	2.0 - 4.0	0,087	08-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	2

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001128	8	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AZ53-AX416
								2		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	1	Contact	2.0 - 4.0	0,062	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001127	17	123A90-FDL-PP-DI 42	2	_	V	6.0	3.40	0-1	C	R	AX416-AX 453

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Single Wall	2.0 - 4.0	0,116	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001126	12	123A90-FDL-PP-DI 114	1	_	V	1.0	4.55	0		A	AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,046	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001125	7	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1		A	AZ39-AX 453
								1-2	EX	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	1	Contact	2.0 - 4.0	0,046	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001124	5	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	F-FA	A	AX84-AX 453

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,106	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001123	10	123A90-FDL-PP-DI 76	1	_	V	3.0	3.05	0-1		A	AX84
								1-2	F	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001122	4	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36-AX 453
								1		A	
								2	F	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	2	Double Wall Double View	2.0 - 4.0	0,087	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	2

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001121	5	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	1		A	AX 453
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 - 190712
MT-PT-RT

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	1	Double Wall Double View	2.0 - 4.0	0,087	07-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001120	15	123A90-FDL-PP-DI	42	2	_	V	1.0	3.38	2		A	AX 453

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 0712 MT PT RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,062	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	164.9 mm	3.40	168.3 mm	3.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001119	17	123A90-FDL-PP-DI 42	2	_	V	6.0	3.40	0-1	AA-AB	R	AX416
								1-2	EX-FA	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Partisani Riccardo Operator	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001118	5	123A90-FDL-PP-DI 157	1	_	V	1.0	3.38	0	FA	A	AX 453
								1		C	
								2		A	
								3		C	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001117	15	123A90-FDL-PP-DI 42	2	_	V	1.0	3.38	0		A	AX 453
								1		A	
								2		C	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Partisani Riccardo Operator	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001116	36	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		T	AX416
								1-2		T	
								2-0		T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001115	8	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		C	AZ53-AX416
								1		A	
								2		C	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001114	15	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36-AX416
								1		A	
								2		A	
								3	DF-EX-FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001113	38	123A90-FDL-PP-DI 61	3	_	V	1.0	3.38	0		A	AX416
								1	FA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controllo Qualità Dept.	Quality Control Dept.			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Operator: Partisani Riccardo

Alberto Cavazzi
Rosetti Marino SpA

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	03-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001112	41	123A90-FDL-PP-DI 61	3	_	V	1.0	3.38	0		T	AX416
								1		T	
								2		T	
								3		T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Completed CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	02-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001111	66	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 02-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	02-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001110	7	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AX416
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani Il Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-01-2025
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	1	Contact	2.0 - 4.0	0,106	02-01-2025

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001109	10	123A90-FDL-PP-DI 84	1	_	V	3.0	3.05	0-1		A	AX84

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,106	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001108	10	123A90-FDL-PP-DI 84	1	_	V	3.0	3.05	0-1	DF	C	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 - 2012
MT-PT-RT

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001107	15	123A90-FDL-PP-DI	72	1	_	V	2.0	2.77	0-1		A	AX84
									1-2		A	
									2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 [illegible] 712
MT-PT-RT

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001106	15	123A90-FDL-PP-DI	84	1	_	V	2.0	2.77	0-1		A	AX84
									1-2		A	
									2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001105	15	123A90-FDL-PP-DI 76	1	_	V	2.0	2.77	0-1		A	AX84
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	1	Double Wall Single Viewing	2.0 - 4.0	0,085	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001104	15	123A90-FDL-PP-DI 80	1	_	V	2.0	2.77	0-1	W	A	AX84

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,046	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001103	20	123A90-FDL-PP-DI	42	2	_	V	10.0	4.19	0-1	AA	A	AX410
									1-2	W	A	
									2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001102	32	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AX416
								1-2	FA	A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001101	15	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001100	14	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	30-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001099	15	123A90-FDL-PP-DI 88	1	_	V	2.0	2.77	0-1		A	AX84
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,106	27-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001098	10	123A90-FDL-PP-DI 72	1	_	V	3.0	3.05	0-1		A	AX84
								1-2	F	A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,106	27-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001097	10	123A90-FDL-PP-DI	88	1	_	V	3.0	3.05	0-1		A	AX84
									1-2		A	
									2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) / Films box	Schermi di rinforzo (mm) / Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) / Unsharpness geom. Ug	Data esposizione / Exposure date
24	3	Contact	2.0 - 4.0	0,106	27-12-2024

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001096	10	123A90-FDL-PP-DI 55	1	_	V	3.0	3.05	0-1		A	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	27-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001095	15	123A90-FDL-PP-DI 80	1	_	V	2.0	2.77	0-1		C	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Single Wall	2.0 - 4.0	0,116	27-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001094	7	123A90-FDL-PP-DI 158	1	_	V	1.0	4.55	0		A	AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,082	27-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001093	13	123A90-FDL-PP-DI 80	1	_	V	4.0	3.05	0-1	DF	A	AZ35-AX84
								1-2		A	
								2-0	DF-W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,106	27-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001092	10	123A90-FDL-PP-DI 80	1	_	V	3.0	3.05	0-1		A	AX84
								1-2	F	A	
								2-0	IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 27-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,106	27-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88,9 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001091	10	123A90-FDL-PP-DI 76	1	_	V	3.0	3.05	0-1	C	R	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	23-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001090	15	123A90-FDL-PP-DI 55	1	_	V	2.0	2.77	0-1		A	AX84
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 23-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
24	4	Single Wall	2.0 - 4.0	0,116	23-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001089	8	123A90-FDL-PP-DI 114	1	_	V	1.0	4.55	0		A	AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,046	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001088	5	123A90-FDL-PP-DI 43	1	_	V	10.0	4.19	0-1	C	R	AX84
								1-2	IN	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-12-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	23-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001087	18	123A90-FDL-PP-DI	2	2	_	V	2.0	2.77	0-1	EX	A	AX84
									1-2		A	
									2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,085	23-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001086	13	123A90-FDL-PP-DI 2	2	_	V	2.0	2.77	0-1		A	AX84
								1-2		A	
								2-0		A	

NOTE / Remarks
POS. 2-0 DUSTY

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	23-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001085	15	123A90-FDL-PP-DI	8 1	_	V	1.0	3.38	0	AA	A	AX416
								1	EX	A	
								2		A	
								3		A	

NOTE / Remarks
Penetration excess cannot be judged by the RT method, as described in table 341.3.2

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: AbaziAlban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 23-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	23-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001084	12	123A90-FDL-PP-DI	68 1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	19-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001083	3	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Alaael-Abad ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ 0712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	19-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001082	16	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	19-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001081	1	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35-AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible]712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	19-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001080	4	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AZ35-AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QCONTROL Operator: Abazi Alban ABAZI ALBAN LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001079	8	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AX84
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,046	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001078	23	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1	IN	A	AX416
								1-2	F	A	
								2-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,046	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001077	18	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1		A	AZ39-AX416
								1-2	AA	A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,046	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001076	16	123A90-FDL-PP-DI 42	2	_	V	10.0	4.19	0-1	IN	A	AZ39-AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A790 UNS S32760 ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001075	5	123A90-FDL-PP-DI 23	1	_	V	1.5	3.68	0-1		A	AZ39-AZ53
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A815 UNS S32760 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Double Wall Single Viewing	2.0 - 4.0	0,115	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001074	12	123A90-FDL-PP-DI 23	1	_	V	1.5	3.68	0-1		A	AZ39-AZ53
								1-2		A	
								2-0	IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
DTA After Cutting	ASTM A790 UNS S32760 ASTM A182 Gr.F55	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,073	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001073	20	123A90-FDL-PP-DI 25	1	_	V	0.8	2.87	0		A	AZ39-AZ53
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abasi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001072	22	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36-AX416
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001071	16	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AX416
								1	W	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	4	Double Wall Double View	2.0 - 4.0	0,087	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001070	16	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AX410
								1	W	A	
								2		A	
								3	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 18-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	1	Double Wall Double View	2.0 - 4.0	0,087	18-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001069	16	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	3		A	AX410

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 17-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
24	3	Contact	2.0 - 4.0	0,132	17-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001068	27	123A90-FDL-PP-DI 84	1	_	V	6.0	7.11	0-1		A	AZ39-AZ36-AZ53
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	16-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001067	16	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AX410
								1	W	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Stamp: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,115	16-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001066	33	123A90-FDL-PP-DI 26	2	_	V	1.5	3.68	0-1		A	AX416
								1-2		A	
								2-0	AA-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,115	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001065	19	123A90-FDL-PP-DI 26	1	_	V	1.5	3.68	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	16-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001064	16	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AX410
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	16-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001063	16	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AX410
								1		A	
								2		A	
								3		C	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partiserri Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	16-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001062	26	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: Control II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 16-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	16-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001061	15	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AX416
								1		A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company CONTRACTOR Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	1	Double Wall Single Viewing	2.0 - 4.0	0,085	12-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001060	7	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	1-2		A	AX416

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001059	7	123A90-FDL-PP-DI 16	1	_	V	2.0	2.77	0-1		A	AX416
								1-2		C	
								2-0		A	

NOTE / Remarks
POS. 1-2 RRX TO CONFIRM DEFECT; TO CLEAN INSIDE

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	12-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001058	16	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 12-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	12-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001057	11	123A90-FDL-PP-DI 8	1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 - 09712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	12-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001056	57	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Tavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	1	Double Wall Double View	2.0 - 4.0	0,087	12-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001055	33	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	3		A	AX416

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 12-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	12-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001054	13	123A90-FDL-PP-DI 5	1	_	V	1.0	3.38	0		A	AX416
								1	W	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001053	27	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1	EX	A	AZ36-AX416
								1-2		A	
								2-0		A	

NOTE / Remarks
Penetration excess cannot be judged by the RT method, as described in table 341.3.2

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001052	29	123A90-FDL-PP-DI 42	2	_	V	2.0	2.77	0-1		A	AX416
								1-2		A	
								2-0	DF-FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaar Alban	Quality Control Dept. Alberto Devazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001051	34	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001050	30	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Double Wall Single Viewing	2.0 - 4.0	0,085	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001049	24	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AX416
								1-2		A	
								2-0	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001048	9	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AX416
								1	F DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001047	7	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0	EX	A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001046	31	123A90-FDL-PP-DI 42	2	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	11-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001045	27	123A90-FDL-PP-DI 42	2	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 11-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) / Films box	Schermi di rinforzo (mm) / Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) / Unsharpness geom. Ug	Data esposizione / Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	11-12-2024

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001044	39	123A90-FDL-PP-DI 16	2	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contact	2.0 - 4.0	0,132	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001043	27	123A90-FDL-PP-DI 84	1	_	V	6.0	7.11	0-1		A	AZ39-AZ36
								1-2		A	
								2-0	AB-C	R	

NOTE / Remarks: DEFECT ON BASE MATERIAL

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001042	11	123A90-FDL-PP-DI 122	1	_	V	1.0	3.38	0		A	AX410
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001041	5	123A90-FDL-PP-DI 122	1	_	V	1.0	3.38	0	F	A	AX410
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001040	50	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AX416
								1		A	
								2	F	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH) .	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001039	44	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AX416
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001038	40	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AZ36-AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001037	54	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0	EX	A	AX416
								1	EX	A	
								2	EX	A	
								3	EX	A	

NOTE / Remarks
Penetration excess cannot be judged by the RT method, as described in table 341.3.2

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001036	33	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AX416
								1	FA	A	
								2	EX	A	
								3		C	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	06-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001035	29	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3	F	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001034	24	123A90-FDL-PP-DI 3	2	_	V	1.0	4.55	0	/-F	A	AX416
								1	/-AA	A	
								2	/	A	
								3	/-AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 [illegible] 9712
MT-PT-RT

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001033	16	123A90-FDL-PP-DI 3	1	_	V	1.0	4.55	0	EX	A	AX416
								1	/	A	
								2	/	A	
								3	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 04-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001032	9	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0	EX	T	AX416
								1	EX	T	
								2	EX	T	
								3	EX	T	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 04-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001031	7	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		C	AX416
								1		C	
								2		C	
								3		C	

NOTE / Remarks: RRX PER CONFERMA DIFETTO; DA PULIRE ALL'INTERNO E RIPETERE I FILM

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abaza Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001030	3	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0	DF	A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001029	10	123A90-FDL-PP-DI 1	1	_	V	1.0	3.38	0		A	AX410
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-12-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	4	Double Wall Double View	2.0 - 4.0	0,087	04-12-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001028	6	123A90-FDL-PP-DI 1	1	_	V	1.0	3.38	0		A	AX410
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
25	3	Contact	2.0 - 4.0	0,132	29-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001027	27	123A90-FDL-PP-DI 84	1	_	V	6.0	7.11	0-1	EX	A	AZ39-AZ36
								1-2	EX	A	
								2-0	AB	R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contact	2.0 - 4.0	0,132	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001026	27	123A90-FDL-PP-DI 84	1	_	V	6.0	7.11	0-1		A	AZ39
								1-2		A	
								2-0		R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001025	14	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Double Wall Single Viewing	2.0 - 4.0	0,115	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001024	80	123A90-FDL-PP-DI 36	6	_	V	1.5	3.68	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Double Wall Single Viewing	2.0 - 4.0	0,115	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001023	135	123A90-FDL-PP-DI 36	1	_	V	1.5	3.68	0-1		A	AX416
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001022	40	123A90-FDL-PP-DI 34	2	_	V	1.0	4.55	0	AA-DF	A	AX410
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001021	4	123A90-FDL-PP-DI 109	1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban				

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001020	4	123A90-FDL-PP-DI 101	1	_	V	1.0	3.38	0		A	AX416
								1		A	
								2	EX	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001019	41	123A90-FDL-PP-DI 5	3	_	V	1.0	3.38	0		A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 25-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	4	Double Wall Double View	2.0 - 4.0	0,087	25-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001018	37	123A90-FDL-PP-DI 5	2	_	V	1.0	3.38	0	DF	A	AX416
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contact	2.0 - 4.0	0,082	21-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001017	6	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1	DF	A	AZ35-AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Contact	2.0 - 4.0	0,082	21-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001016	14	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	DF-W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 21-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
26	3	Double Wall Single Viewing	2.0 - 4.0	0,085	21-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001015	18	123A90-FDL-PP-DI 84	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 19-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	19-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001014	20	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROLA Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Contact	2.0 - 4.0	0,082	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001013	6	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1	EX	R	AZ35-AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Contact	2.0 - 4.0	0,082	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001012	14	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1	EX DF	A	AZ39
								1-2	EX	A	
								2-0	W	R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Contact	2.0 - 4.0	0,082	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001011	14	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1	EX	A	AZ39
								1-2	EX-FA	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712:SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001010	135	123A90-FDL-PP-DI 36	1	_	V	1.5	3.68	0-1	AB	R	AX416
								1-2	AB	R	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001009	21	123A90-FDL-PP-DI 127	2	_	V	1.5	3.68	0-1		A	AZ35-AX416
								1-2		A	
								2-0	IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001008	19	123A90-FDL-PP-DI 127	2	_	V	1.5	3.68	0-1		A	AX416
								1-2		A	
								2-0	IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
D1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001007	3	123A90-FDL-PP-DI 36	1	_	V	1.5	3.68	0-1		A	AZ36-AX416
								1-2	DF	A	
								2-0	EX-IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL2 Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001006	24	123A90-FDL-PP-DI 3	2	_	V	1.0	4.55	0	AA-EX-W	T	AX416
								1	AA-EX-W	T	
								2	AA-EX-W	T	
								3	AA-EX-W	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A333 Gr.6 ASTM A420 Gr.WPL6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001005	20	123A90-FDL-PP-DI 34	2	_	V	1.0	4.55	0		A	AX416
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
A1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A420 Gr.WPL6 ASTM A333 Gr.6	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	115,5 mm	4.50	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001004	17	123A90-FDL-PP-DI 34	1	_	V	1.0	4.55	0	EX	A	AX416
								1	EX	A	
								2	EX	A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company COMPANY Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,085	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001003	43	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1	EX	A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,071	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001002	12	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36-AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISQ 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,071	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001001	12	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Timbro e Firma Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,071	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
001000	8	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1	W	A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Cognome / COGNOME Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,071	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000999	22	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36-AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,071	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000998	12	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39-AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Comply to CCT Report				

Riccardo Parisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Operator: Parisani Riccardo

Quality Control Dept.
Alberto Cavazzi
Rosetti Marino SpA

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,073	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000997	26	123A90-FDL-PP-DI 94	1	_	V	0.8	2.87	0		A	AZ36-AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 15-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,073	15-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000996	10	123A90-FDL-PP-DI	9 1	_	V	0.8	2.87	0	AA	A	AZ39
								1		A	
								2	EX-W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Campana COMPANY Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Contact	2.0 - 4.0	0,082	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000995	28	123A90-FDL-PP-DI 26	2	_	V	4.0	3.05	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000994	30	123A90-FDL-PP-DI 26	2	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Digitally signed by RICCARDO PARTISANI II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000993	20	123A90-FDL-PP-DI 26	2	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000992	18	123A90-FDL-PP-DI 26	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A790 UNS S32760 ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000991	11	123A90-FDL-PP-DI	26	1	_	V	1.5	3.68	0-1		A	AZ36
									1-2		A	
									2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024

FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A790 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000990	10	123A90-FDL-PP-DI 26	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000989	3	123A90-FDL-PP-DI 26	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000988	32	123A90-FDL-PP-DI 26	2	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Timbro e firma II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,071	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.80	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000987	44	123A90-FDL-PP-DI 16	2	_	V	1.3	2.77	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,085	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000986	42	123A90-FDL-PP-DI	16 2	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A182 Gr.F55	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,073	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000985	31	123A90-FDL-PP-DI 26	2	_	V	0.8	2.87	0	W	A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000984	12	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0	EX	T	AZ36
								1	EX	T	
								2	EX	T	
								3	EX	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QC CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760 ASTM A182 Gr.F55	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000983	2	123A90-FDL-PP-DI 152	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
B1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A815 UNS S32760	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000982	1	123A90-FDL-PP-DI 152	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000981	10	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	FA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	2	Double Wall Double View	2.0 - 4.0	0,087	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	2

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000980	15	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	1	Double Wall Double View	2.0 - 4.0	0,087	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000979	3	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	2		A	AZ39

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 13-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	1	Double Wall Double View	2.0 - 4.0	0,087	13-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	1

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000978	3	123A90-FDL-PP-DI	52	1	_	V	1.0	3.38	2		A	AZ39

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Il Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,073	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000977	26	123A90-FDL-PP-DI 94	1	_	V	0.8	2.87	0	AB	T	AZ36-AZ39
								1	AB	T	
								2	AB	T	
								3	AB	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-1409712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.r.l.			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,073	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000976	10	123A90-FDL-PP-DI 9	1	_	V	0.8	2.87	0	EX	T	AZ39
								1	EX	T	
								2	EX	T	
								3	EX	T	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000975	12	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0	C	T	AZ36
								1	C	T	
								2	C	T	
								3	C	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Opetator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000974	12	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39-AZ36
								1		A	
								2		A	
								3		R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000973	22	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		T	AZ36
								1		T	
								2		T	
								3		T	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Contact	2.0 - 4.0	0,082	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000972	6	123A90-FDL-PP-DI 88	1	_	V	4.0	3.05	0-1	AB	~~A~~ R	AZ35-AZ39
								1-2		~~A~~ C	
								2-0		~~A~~ C	

NOTE / Remarks: WORM HOLE > 1/4 T + RESHOOT DUE TO WRONG WELD IDENTIFICATION

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000971	15	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0	A0	A	AZ36-AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000970	23	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0	AA	A	AZ36
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000969	22	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1	Df	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000968	20	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A C	AZ36
								1		A C	
								2		A C	
								3		A C	

NOTE / Remarks: RE-SHOOT DUE TO WRONG WELD IDENTIFICATION

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000967	10	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ-9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000966	9	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000965	8	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000964	7	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000963	10	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000962	9	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 4509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000961	8	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 15712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000960	7	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000959	10	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ABO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000958	9	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000957	8	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000956	7	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000955	3	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-0309712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) / Focal Spot	Distanza sorgente-oggetto (mm) / Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) / Distance from Source side object to film	Distanza focal (mm) / Focal distance	Tempo di esposiz. / Exposure time	No. di esposizioni / Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000954	4	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ39
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000953	3	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000952	1	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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EN ISO 9712
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000951	10	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000950	1	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-19097712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 11-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	11-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000949	1	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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EN 473 09712
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000948	2	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	DIF W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000947	1	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000946	15	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL Operator: Abazi Alban II LIV. SETTORE C-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000945	23	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0	EX	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ICQ 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000944	20	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000943	15	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-15009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000942	10	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000941	9	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000940	8	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000939	7	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 19/09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000938	2	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000937	1	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISC 0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000936	23	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 19712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000935	22	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000934	20	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000933	15	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000932	10	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-23097/12 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000931	9	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000930	8	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000929	7	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000928	14	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000927	6	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 20712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000926	5	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	W DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO 9712 MT-PT-RT Company: CONTROL Operater: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000925	2	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000924	1	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0	W	A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-15609712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000923	14	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000922	6	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0	Df-	A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN-473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000921	5	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0	DF	A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000920	2	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000919	1	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000918	10	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 09712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000917	9	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-SO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000916	8	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000915	7	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-180712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens	Sviluppo / Development
Selenium 75	KODAK MX125	1	Front-Back 0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000914	6	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISP 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000913	5	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operater: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000912	2	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN 473 - 09712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000911	1	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000910	5	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000909	4	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000908	12	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1	EX	A	
								2	AQ	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000907	12	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible]712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000906	14	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000905	13	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000904	12	123A90-FDL-PP-DI	19	1	_	V	1.0	3.38	0		A	AZ39
									1		A	
									2		A	
									3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dep. Alberto Cavazzi Rosetti Marino S.r.l.			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000903	11	123A90-FDL-PP-DI	19	1	_	V	1.0	3.38	0		A	AZ39
									1		A	
									2		A	
									3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: ICONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT / Before PWHT [ ] DOPO TT / After PWHT [X] NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000902	9	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000901	8	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0	W	A	AZ39
								1		A	
								2		A	
								3	Df	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]12 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000900	7	123A90-FDL-PP-DI	19	1	_	V	1.0	3.38	0		A	AZ39
									1		A	
									2		A	
									3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-120512 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000899	2	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 [illegible]712
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MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,073	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000898	26	123A90-FDL-PP-DI 91	1	_	V	0.8	2.87	0		A	AZ36-AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000897	39	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AZ36
								1-2	W	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 [illegible] 0712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000896	31	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39-AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000895	29	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39-AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 109712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	3	Double Wall Single Viewing	2.0 - 4.0	0,115	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000894	7	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1		A	AZ36
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000893	13	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-[illegible]712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000892	3	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		C	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000891	3	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		C	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
II LIV. SNT-TC-1A
EN 473 - 190712
MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000890	4	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39-AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000889	17	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ICQ 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,087	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000888	9	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-509712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 10-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
27	4	Double Wall Double View	2.0 - 4.0	0,073	10-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000887	11	123A90-FDL-PP-DI 9	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000886	6	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN Company: CONTROL II LIV. SNT-TC-1A EN-473/0009712 Operator: Abazi Alban MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000885	5	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000884	4	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0	DF	A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000883	3	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 - 509712 Company: CONTROL Operator: Abazi Alban MT-RT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000882	2	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CANTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-IB09712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000881	1	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISQ9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000880	6	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000879	5	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000878	3	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000877	6	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000876	5	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000875	3	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000874	4	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000873	3	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: I CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000872	4	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT/TC-1A EN473-180712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000871	3	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0	DF	A	AZ39
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	[ ] PRIMA del TT / Before PWHT [ ] DOPO TT / After PWHT [X] NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000870	4	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 190712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000869	3	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000868	9	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-009712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000867	8	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN473 [illegible] MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.r.			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000866	7	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-1209712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000865	6	123A90-FDL-PP-DI 56	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000864	6	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0	EX DF	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000863	5	123A90-FDL-PP-DI 54	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000862	6	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000861	5	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000860	6	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL-C Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000859	5	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000858	6	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 00712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000857	5	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000856	6	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000855	5	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cevazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000854	6	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO 9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000853	5	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MT-PT-RT

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000852	5	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473-ISO 9712 MT-PT-RT Company: QCONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000851	4	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN-473-150712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000850	5	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
ABAZI ALBAN II LIV. SNT-TC-1A EN 473 3609712 MT-PT-RT Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000849	4	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000848	5	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISO9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 09-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	09-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000847	4	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ABAZI ALBAN
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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 01	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 1	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000846	11	123A90-FDL-PP-DI 13	1	_	V	0.8	2.87	0		A	AZ39
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban ABAZI ALBAN II LIV. SNT-TC-1A EN 473 ISQ9712 MT-PT-RT	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,046	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000845	2	123A90-FDL-PP-DI 1	1	FLOWCELL	V	10.0	4.19	0-1		A	AZ39
								1-2		A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.5	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,046	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	268,8 mm	4.20	273,0 mm	4.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000844	1	123A90-FDL-PP-DI 1	1	FLOWCELL	V	10.0	4.19	0-1	DF	A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 07-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	07-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000843	20	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000842	23	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000841	20	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000840	23	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0	F	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000839	22	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0	F	A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000838	20	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000837	15	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0	DF	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000836	13	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000835	12	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0	C	T	AZ36
								1	C	T	
								2	C	T	
								3	C	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000834	11	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000833	12	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

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ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000832	3	123A90-FDL-PP-DI 50	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000831	10	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000830	1	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000829	6	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000828	9	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abaz Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000827	14	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000826	2	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000825	9	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000824	1	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000823	2	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000822	2	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000821	1	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 06-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	06-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000820	26	123A90-FDL-PP-DI 64	1	_	V	0.8	2.87	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Abazi Alban	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000819	12	123A90-FDL-PP-DI 12	1	_	V	0.8	2.87	0	DF	A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000818	12	123A90-FDL-PP-DI 14	1	_	V	0.8	2.87	0	EX	T	AZ39
								1	EX	T	
								2	EX	T	
								3	EX	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: Rosetti Marino Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000817	24	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1	FA	A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Il Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000816	24	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712 SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000815	24	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Pantisani II Level VT-MT-PT-RT Operator: Pantisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000814	24	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Quality Control II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000813	4	123A90-FDL-PP-DI 53	1	_	V	1.0	3.38	0	FA	A	AZ36
								1	FA	A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712 ART-IQC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000812	4	123A90-FDL-PP-DI 52	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company Operator Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000811	15	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		C	AZ39
								1		A	
								2	DF	A	
								3		C	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company CONTROL II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000810	14	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000809	6	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000808	15	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROLL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000807	14	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000806	7	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1	EX	A	
								2		A	
								3	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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DATA RAPPORTO Report Date: 04-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000805	15	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0	AA	T	AZ36
								1	AA	T	
								2	AA	T	
								3	AA	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL-X Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	04-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000804	11	123A90-FDL-PP-DI 14	1	_	V	0.8	2.87	0	FA	A	AZ39
								1		A	
								2	FA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.6	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,132	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	161.2 mm	7.10	168,3 mm	1.40 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000803	27	123A90-FDL-PP-DI 55	1	_	V	6.0	7.11	0-1		A	AZ39
								1-2		A	
								2-0	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000802	10	123A90-FDL-PP-DI 11	1	_	V	0.8	2.87	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Commessa CONCLUSA Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000801	21	123A90-FDL-PP-DI 64	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000800	19	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	AB	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000799	17	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0	AA-EX-FA	T	AZ36
								1	AA-EX-FA	T	
								2	AA-EX-FA	T	
								3	AA-EX-FA	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000798	9	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervison	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: Control Final II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000797	8	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL LI II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000796	7	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: QCONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000795	3	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONVALT Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Ricardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000794	1	123A90-FDL-PP-DI 14	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company Certificate Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000793	14	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000792	12	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	FA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000791	7	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000790	9	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0	AA-FA	A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL-X Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000789	8	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT / Before PWHT [ ] DOPO TT / After PWHT [X] NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000788	6	123A90-FDL-PP-DI	13 1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000787	13	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ36
								1	EX	A	
								2	EX	A	
								3	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: COMPANY Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000786	11	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QC CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000785	5	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company Certificate Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000784	8	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000783	7	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000782	13	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0	F	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000781	11	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000780	6	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1	EX	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 03-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	03-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000779	6	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL S Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000778	11	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1	DF	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000777	9	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company QCI Rep.(s): Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000776	7	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000775	6	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1	AA DF	A	AZ39
								1-2	AA	A	
								2-0	Ae	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: COMPACT Srl Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000774	5	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000773	11	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1	EX	A	AZ36-AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: Co. QCI Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRI After Repair	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Contact	2.0 - 4.0	0,082	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000772	7	123A90-FDL-PP-DI 72	1	_	V	4.0	3.05	0-1	AA-EX	A	AZ39
								1-2	DF-EX	A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712:2012 Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,085	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000771	19	123A90-FDL-PP-DI 55	1	_	V	2.0	2.77	0-1	DF	A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,085	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000770	18	123A90-FDL-PP-DI 55	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,085	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000769	17	123A90-FDL-PP-DI 55	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company / CONTROL: Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,085	

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000768	16	123A90-FDL-PP-DI 55	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Riccardo Partisani	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000767	31	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2	AB-FA	R	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	Front-Back 0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000766	29	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1	W	R	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000765	27	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Impianti CONTROLLI II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000764	26	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL-X Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000763	24	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company Control Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000762	23	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company CONTROL II Level VT-MT-PT-RT Operator / Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000761	22	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CDL Operator: Parisani Riccardo Riccardo Parisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000760	21	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: VPartisani Riccardo Riccardo Partisani II Level VT MT PT RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QC-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000759	20	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company QC Manager II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A.			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000758	19	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000757	25	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: Contractor Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000756	18	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712 SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000755	17	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1	AA	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino S.p.A			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000754	16	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000753	30	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	3	Double Wall Single Viewing	2.0 - 4.0	0,115	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000752	28	123A90-FDL-PP-DI 61	2	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QC CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000751	1	123A90-FDL-PP-DI 86	1	_	V	1.0	3.38	0		A	AZ53-AZ36
								1		A	
								2	EX-FA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000750	23	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Firmato Da: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT Operator ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000749	24	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000748	19	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QUONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000747	17	123A90-FDL-PP-DI 90	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Parrisani II Level VT-MT-PT-RT Operator: Parrisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000746	4	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000745	3	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	FA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000744	1	123A90-FDL-PP-DI 51	1	_	V	1.0	3.38	0	AA DF	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000743	4	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CON Ficep II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000742	3	123A90-FDL-PP-DI 11	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QCONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000741	4	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0	DF	A	AZ39
								1		A	
								2	EX	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000740	3	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: SOL Group Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000739	4	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0	AA	R	AZ39
								1	AA	R	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,087	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000738	3	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 02-11-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
22	4	Double Wall Double View	2.0 - 4.0	0,073	02-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000737	21	123A90-FDL-PP-DI 90	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2	DF	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000736	4	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ39
								1	W	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-11-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000735	4	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: Control II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000734	5	123A90-FDL-PP-DI 86	2	_	V	1.0	3.38	0		A	AZ53-AZ39
								1		A	
								2	EX	A	
								3	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DTA After Cutting	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000733	27	123A90-FDL-PP-DI 16	2	_	V	2.0	2.77	0-1		A	AZ36
								1-2	AA	A	
								2-3		A	
								3-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Il Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000732	25	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000731	14	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTRADI Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000730	13	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0	DF	A	AZ36
								1	W	A	
								2	W	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-RT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000729	12	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: COMTECO II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000728	11	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: PartisaniRiccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000727	26	123A90-FDL-PP-DI 93	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QCI Italy Riccardo Partisani II Level MT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000726	25	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0	DF	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CND Ref. Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000725	14	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712:2012 NTIC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000724	13	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Controllo CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000723	12	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000722	11	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0	DF	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL-X Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000721	21	123A90-FDL-PP-DI 91	1	_	V	0.8	2.87	0	EX	A	AZ36
								1	EX	A	
								2	EX	A	
								3	AA-EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CORTEMP Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000720	24	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000719	22	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Riccardo Partisani Company CONTROL II Level VT-MT-PT-RT ISO 9712 SNT-TC-1A Operator Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000718	19	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: QCONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712:SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy-Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000717	17	123A90-FDL-PP-DI 91	1	_	V	1.0	3.38	0	EX-FA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
DRF After Film Repeat	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000716	25	123A90-FDL-PP-DI 64	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000715	15	123A90-FDL-PP-DI 19	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000714	3	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000713	2	123A90-FDL-PP-DI 13	1	_	V	1.0	3.38	0		A	AZ36
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000712	11	123A90-FDL-PP-DI 12	1	_	V	0.8	2.87	0	AA	A	AZ36
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000711	9	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1	AA-EX	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company CND Rad. II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000710	8	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000709	6	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000708	3	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000707	2	123A90-FDL-PP-DI 12	1	_	V	1.0	3.38	0	FA	A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Camera: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000706	8	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company Certified II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000705	7	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0	DF	A	AZ39
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000704	5	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000703	8	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0	AA	T	AZ39
								1	AA	T	
								2	AA	T	
								3	AA	T	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000702	7	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000701	5	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,106	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	85.8 mm	3.10	88.9 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000700	21	123A90-FDL-PP-DI 55	1	_	V	3.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000699	20	123A90-FDL-PP-DI 55	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 30-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	30-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000698	26	123A90-FDL-PP-DI 94	1	_	V	0.8	2.87	0	AB	R	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Supply COMPANY Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level MT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000697	14	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000696	9	123A90-FDL-PP-DI 57	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Gavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000695	14	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1	EX	R	AZ39
								1-2	EX	R	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CCM Tools Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000694	12	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000693	11	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000692	9	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0	EX	A	

NOTE / Remarks
POS. 0-1 AND 3-0 SPATTER

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000691	7	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	AA-EX DF	A	
								2-3		A	
								3-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000690	6	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	AA	A	
								2-3	AA	A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712 SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000689	5	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	EX	A	
								2-3	DF	A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000688	4	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company Control Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000687	3	123A90-FDL-PP-DI 84	1	_	V	4.0	3.05	0-1	EX DF	A	AZ39
								1-2		A	
								2-3		A	
								3-0	EX W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL 3 Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000686	24	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	DF-EX	A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000685	23	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	EX	A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL Level VT-MT-PT-RT Operator: Partisani Riccardo 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000684	22	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3	EX	A	
								3-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QUANTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000683	13	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONAM Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000682	2	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2		A	
								2-3	EX	A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1B	GTAW+SMAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Contact	2.0 - 4.0	0,082	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	111.2 mm	3.10	114,3 mm	1.30 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000681	1	123A90-FDL-PP-DI 55	1	_	V	4.0	3.05	0-1		A	AZ39
								1-2	EX	A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONDIVOTEC Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000680	19	123A90-FDL-PP-DI 84	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Camera: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Savazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000679	17	123A90-FDL-PP-DI 84	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2	AA-EX	A	
								2-3	DF-EX	A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000678	16	123A90-FDL-PP-DI 84	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-3	DF	A	
								3-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: QCI srl DDL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000677	19	123A90-FDL-PP-DI 72	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2	DF	A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000676	18	123A90-FDL-PP-DI 72	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2	EX	A	
								2-3	EX	A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000675	17	123A90-FDL-PP-DI 72	1	_	V	2.0	2.77	0-1	DF	A	AZ39
								1-2	EX	A	
								2-3		A	
								3-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company QC Control II Level VT-MT-PT-RT Operator Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Single Viewing	2.0 - 4.0	0,085	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	97 mm	2.80	100 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000674	16	123A90-FDL-PP-DI 72	1	_	V	2.0	2.77	0-1		A	AZ39
								1-2		A	
								2-3	AA-EX	A	
								3-0	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT / Before PWHT ☐ DOPO TT / After PWHT ☒ NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000673	46	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROPI Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000672	45	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AZ39
								1-2	DF	A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000671	43	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AZ39
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000670	42	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1	AA-EX	A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000669	40	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Controllo CONFORME Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000668	37	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000667	35	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1	EX	A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000666	34	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1	EX	A	AZ39
								1-2	EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Company: CONTROL Operator: Partisani Riccardo 1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO / Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA / Job	PROGETTO / Project	CLIENTE / Client	NUMERO ORDINE / Order number	DISCIPLINA / Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. / Welding Process	CODICE SPECIFICA / Standard Code	CODICE PROCEDURA / Procedure code	ISTRUZ. DI LAVORO RT / RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ / Acceptance criteria	INSPECTION TEST PLAN / ITP	FASE ITP / ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO / Examination Phase	MATERIALE / Material	TRATTAMENTO TERMICO / Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	[ ] PRIMA del TT / Before PWHT [ ] DOPO TT / After PWHT [X] NON APPLICAB. / Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività / Activity	Nr. Films / Films Nr.	Tecnica radiografica / Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione / Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000665	33	123A90-FDL-PP-DI 61	3	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 / NDT Technician Level 2	CONTROLLO QUALITA' / QC Supervisor	ISPETTORE CONTRATTISTA / Contractor Repr.	ISPETTORE CLIENTE / Company Repr.	ISPETTORE TERZA PARTE / Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000664	13	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000663	11	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: QUNDROL II Level VT-MT-PT-RT Operator: Partisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000662	10	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1	DF	A	AZ39
								1-2		A	
								2-0	EX	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000661	8	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000660	5	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1	AA-EX	A	AZ39
								1-2	AA-EX	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000659	4	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1	IN	A	AZ39
								1-2		A	
								2-0	W	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000658	2	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1	DF	A	AZ39
								1-2	DF	A	
								2-0		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
GAMMA RAY	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	3	Double Wall Single Viewing	2.0 - 4.0	0,115	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	96.1 mm	3.70	100 mm	1.00 min.	3

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000657	1	123A90-FDL-PP-DI 61	1	_	V	1.5	3.68	0-1		A	AZ39
								1-2		A	
								2-0	IN	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Approved COMMESSA Riccardo Parisani II Level VT-MT-PT-RT Operator: Parisani Riccardo ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000656	19	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0	AA-DF	A	AZ36
								1		A	
								2		A	
								3	FA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Cognome / Surname: Partisani Nome / Name: Riccardo Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000655	17	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROLCO Operator: Parisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Parisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000654	11	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712 SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000653	10	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Firma / Signature				

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Operator: Partisani Riccardo

Quality Control Dept.
Alberto Cavazzi
Rosetti Marino SpA

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000652	2	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani Company: CONTROL II Level VT-MT-PT-RT ISO 9712 SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000651	1	123A90-FDL-PP-DI 68	1	_	V	1.0	3.38	0	DF	A	AZ36
								1		A	
								2		A	
								3	DF	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL srl Inspector: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000650	19	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	[ ] PRIMA del TT Before PWHT [ ] DOPO TT After PWHT [X] NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000649	17	123A90-FDL-PP-DI 94	1	_	V	1.0	3.38	0		A	AZ36
								1	DF	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000648	19	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0	AA	A	AZ36
								1		A	
								2		A	
								3	AA	A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000647	17	123A90-FDL-PP-DI 93	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2	AA	A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL Operator: Partisani Riccardo Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A312 Gr.TP316/316L ASTM A403 Gr.WP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000646	19	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1	AA	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

MOD-QCI-33 2019-00

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000645	17	123A90-FDL-PP-DI 92	1	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000644	14	123A90-FDL-PP-DI 9	1	_	V	1.0	3.38	0	DF	A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000643	14	123A90-FDL-PP-DI 10	1	_	V	1.0	3.38	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTRACTOR Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
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ISO 9712/SNT-TC-1A

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n° 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A182 Gr.F316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,087	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	116,4 mm	3.40	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000642	25	123A90-FDL-PP-DI 68	2	_	V	1.0	3.38	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000641	10	123A90-FDL-PP-DI 9	1	_	V	0.8	2.87	0		A	AZ39
								1	EX	R	
								2		A	
								3	EX	R	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000640	21	123A90-FDL-PP-DI 94	1	_	V	0.8	2.87	0	EX	A	AZ36
								1	AA-EX	A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000639	21	123A90-FDL-PP-DI 93	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: CONTROL	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A
Operator: Partisani Riccardo

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NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000638	21	123A90-FDL-PP-DI 92	1	_	V	0.8	2.87	0		A	AZ36
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Riccardo Partisani II Level VT-MT-PT-RT ISO 9712/SNT-TC-1A Company: CONTROL Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

ROSETTI MARINO
Group of Companies

NDT ACTIVITIES - TEST REPORT

RAPPORTO DI ESAME RADIOGRAFICO
RADIOGRAPHIC TEST REPORT

DATA RAPPORTO Report Date: 29-10-2024
FOGLIO / sheet n°: 1 of

COMMESSA Job	PROGETTO Project	CLIENTE Client	NUMERO ORDINE Order number	DISCIPLINA Discipline
123A90	BASE LOAD POWER HUB (BLPH)	CROSSWIND	CW-I-WP4-2023-05	PP Piping

WPS	TECNICA SALD. Welding Process	CODICE SPECIFICA Standard Code	CODICE PROCEDURA Procedure code	ISTRUZ. DI LAVORO RT RT Work Instruction
C1A	GTAW	123A90-DDL-PP-SP-70029_2	123A90-PML-QHSE-PRO-00095 Rev. 1	IDL-QCI-RT - 0036 Rev. 00

CRITERIO DI ACCETTABILITÀ Acceptance criteria	INSPECTION TEST PLAN ITP	FASE ITP ITP Phase
ASME B31.3 Table 341.3.2+ASME B31.12	123A90-PML-QHSE-ITP-00076 Rev. 0	/

FASE DEL CONTROLLO Examination Phase	MATERIALE Material	TRATTAMENTO TERMICO Post Weld Heat Treatment
FIN Weld Completion	ASTM A403 Gr.WP316/316L ASTM A312 Gr.TP316/316L	☐ PRIMA del TT Before PWHT ☐ DOPO TT After PWHT ☒ NON APPLICAB. Not Applicable

RADIOGRAPHIC TECHNIQUE DETAILS

Sorgente / Source	I.Q.I. Tipo / I.Q.I. Type	I.Q.I. Sensibilità richiesta / I.Q.I. Required Sensitivity	I.Q.I. Posizione / I.Q.I. Location
SE 75	ASTM 1A	Wire n.4	Film Side

Unità / Unit	Tipo Film + Marca / Film type + Brand	Pellicole per cassetta (Nr) Films box	Schermi di rinforzo (mm) Intensifying screens Front-Back	Sviluppo / Development
Selenium 75	KODAK MX125	1	0,10X0,10	Automatic

Energia+Corrente / Energy+Current Attività /Activity	Nr. Films / Films Nr.	Tecnica radiografica Radiographic techniques	Densità film / Film density	Penombra Ug (mm) Unsharpness geom. Ug	Data esposizione Exposure date
23	4	Double Wall Double View	2.0 - 4.0	0,073	29-10-2024

Macchia Focale (mm) Focal Spot	Distanza sorgente-oggetto (mm) Distance Source-Object	Distanza lato sorgente oggetto-pellicola (mm) Distance from Source side object to film	Distanza focal (mm) Focal distance	Tempo di esposiz. Exposure time	No. di esposizioni Nr. of exposures
3	117,2 mm	2.90	120 mm	1.00 min.	4

OGGETTO CONTROLLATO / Tested object

COMPONENTE / Item: ITEM

RAPP. Report	SALD Weld	DISEGNO Drawing	Fg Sh	MARCA Mark	CIANF. Bevel	DIMENSIONE Dimension	Sp. Thk (mm)	POS. Film pos.	INDICAZIONI Indications	ESITO Result	SALDATORI Welders
000637	10	123A90-FDL-PP-DI 10	1	_	V	0.8	2.87	0		A	AZ39
								1		A	
								2		A	
								3		A	

NOTE / Remarks

TECNICO CND Livello 2 NDT Technician Level 2	CONTROLLO QUALITA' QC Supervisor	ISPETTORE CONTRATTISTA Contractor Repr.	ISPETTORE CLIENTE Company Repr.	ISPETTORE TERZA PARTE Third Party Inspector
Company: COMPANY Operator: Partisani Riccardo	Quality Control Dept. Alberto Cavazzi Rosetti Marino SpA			

Riccardo Partisani
II Level VT-MT-PT-RT
ISO 9712/SNT-TC-1A