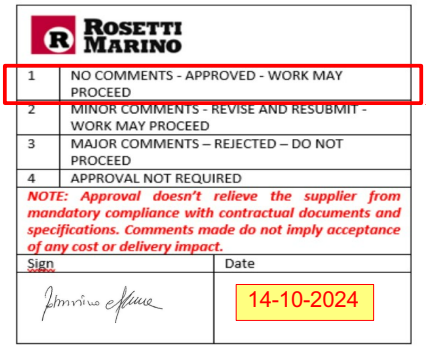


ROSETTI MARINO

1	NO COMMENTS - APPROVED - WORK MAY PROCEED
2	MINOR COMMENTS - REVISE AND RESUBMIT - WORK MAY PROCEED
3	MAJOR COMMENTS – REJECTED – DO NOT PROCEED
4	APPROVAL NOT REQUIRED

NOTE: Approval doesn't relieve the supplier from mandatory compliance with contractual documents and specifications. Comments made do not imply acceptance of any cost or delivery impact.

Sign	Date
	14-10-2024

Base Load Power Hub (BLPH)

NOTE
FINAL ACCEPTANCE WILL BE ACHIEVED WHEN CROSSWIND RELEASES A "CLOSE OUT" CRS

HYDROSTATIC TEST PROCEDURE

For Sea Water Lift Progressive Cavity Pumps (P-50001 A/B)

Document Number: 1724000936-QC-PRO-00022

Document Class: 3

02	02/10/2024	Issue for Information (IFI)	APD	GLL	AHN
01	05/09/2024	Issue for Information (IFI)	APD	GLL	AHN
00	04/07/2024	Issue for Information (IFI)	APD	GLL	AHN
Rev.	Date	Description	Prepared	Reviewed	Approved

PCM | keep it moving

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Revision / Change Log

Rev.	Description
00	Issue for Information (IFI)
01	Issue for Information (IFI)
02	Issue for Information (IFI)

HOLDS LIST

No.	Description
1	
2	
3	
4	

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Affaire SRCI : 24121 - Affaire PCM : PO070-24-07599

SCOPE

This testing procedure applies to all kind of stainless steel casing subjected to hydraulic pressure.

APPLICATION

This document concerns all parts produced by SRCI.

REFERENCE DOCUMENTS

- Drawings concerning the part to be inspected.
- ASME B31.3 / API 6763rd edition § 8 3.2

SAFETY PRECAUTION

An equipment will assure the support on the length of the body and pipe. The rise in pressure will be made in landing.

The test zone will be determined.

The personal in charge for following the hydraulic test are a SRCI's operator, a SRCI's responsible and witness of the Company and/or Inspection Agency's representative(s).

TESTING

The test pressure as well as the time during which the pressure will be kept, will be define by the customer :
1,5 x 20 barg for Rallonge Corps – W-004942
1,5 x 20 barg for Corps – W-008202
1,5 x 20 barg for Embout Stator – W-008199

1. Test pressure shall be mentioned for each tag no. as agreed before
2. Duration shall be ☒ **30 minutes** ❑ 60 minutes

The operating pressure test is 30 barg (1.5 x MACP).

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The pump pressure indicator is an indicator, only a calibrated gauge (accuracy 1,6%), assembled to the item, will be used for the test. The gauge is calibrated every year.

Stainless steel valves, able to resist the efforts triggered by the pressure test, will be used for the test.

The hydraulic test will be performed with demineralized water. The chloride content of liquids used to test austenitic stainless steel materials shall not exceed 50 ppm.

Each test will be carry after the NDT.

All piping shall be completely drained of all testing fluid. All piping tested with water shall be thoroughly dried. This piping shall be blown-down with air before surface treatment.

If during the test, we found a leak (or notice pressure drop) :

1. We spot the leak.
2. We decrease the pressure slowly.
3. We analyze and treat the defect
4. Test again body and casing

RESULT

Neither leak nor pressure fall will to be observed the time during which the pressure is being kept.

Every hydraulic test is subjected to a certificate n° DS019.

Writter	Checker	Approval
Céline VAYSSE LABONDE/ Resp. QSE signature	Loic BONICEL / Resp. Production Signature	Frédéric VAYSSE LABONDE/ Président signature

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SRCI & P2MI

Z.A. Harfleur - 71200 LE CREUSOT
RAISON SOCIALE DU CONSTRUCTEUR
MANUFACTURER'S CORPORATE NAME

EPREUVE D'ETANCHEITE

LEAKAGE TEST

N °

N/Réf.

Client *Customer*	**Plan** *Drawing*
N° Commande Client *Order n°*	**Repère** / *Marking*
N° Poste *Item*	**Matière** *Material*
Pièces *Parts*	**Spécifications** *Specification*

Parties examinées
Portions examined

Nature de l'épreuve *Test nature* → **Epreuve d'étanchéité** *Leakage test*

Conditions requises - *Required conditions*

- **Pression d'épreuve** *Test pressure* →
- **Vitesse de montée en pression** *Pressure rising speed* →
- **Durée du maintien en pression** *Pressure holding time* →
- **Hauteur pétrole** *Heigh of lamp oil* →

Conditions de l'épreuve - Test conditions

Fluide utilisé *Fluid used* →

- **Eau** *Water* ☐ **Huile** *Oil* ☐
- **Air** *Air* ☐ **Pétrole** *Lamp-oil* ☐

- **Température du fluide** *Fluid temperature* → _____ °C
- **Pression** *Pressure* → _____
- **Vitesse de montée en pression** *Pressure rising speed* → _____
- **Durée du maintien en pression** *Pressure holding time* → _____
- **Hauteur pétrole** *Heigh of lamp oil* → _____

Résultats de l'épreuve - *Test results*

_____

_____

Date Contrôle *Examin.date*	**Accepté** *Accepted* **OUI** *Yes* ☐ **NON** *No* ☐	**Fiche d'anomalie N°** *Non conformity report*	**Voir croquis annexe** *See attached sketch* ☐

	Nom *Name*	Date *Date*	Signature *Visa*		Nom *Name*	Date *Date*	Signature *Visa*
Opérateur *Operator*				**Resp. Qualité** *Quality*			
Resp. Interpret. *Interpreter*							

Edition du 05/2024 - réf. DS 019 ind. C

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TEST CONFIGURATION

