DRAWING NO. 1724000428-PR-PID-00019 REV. 04

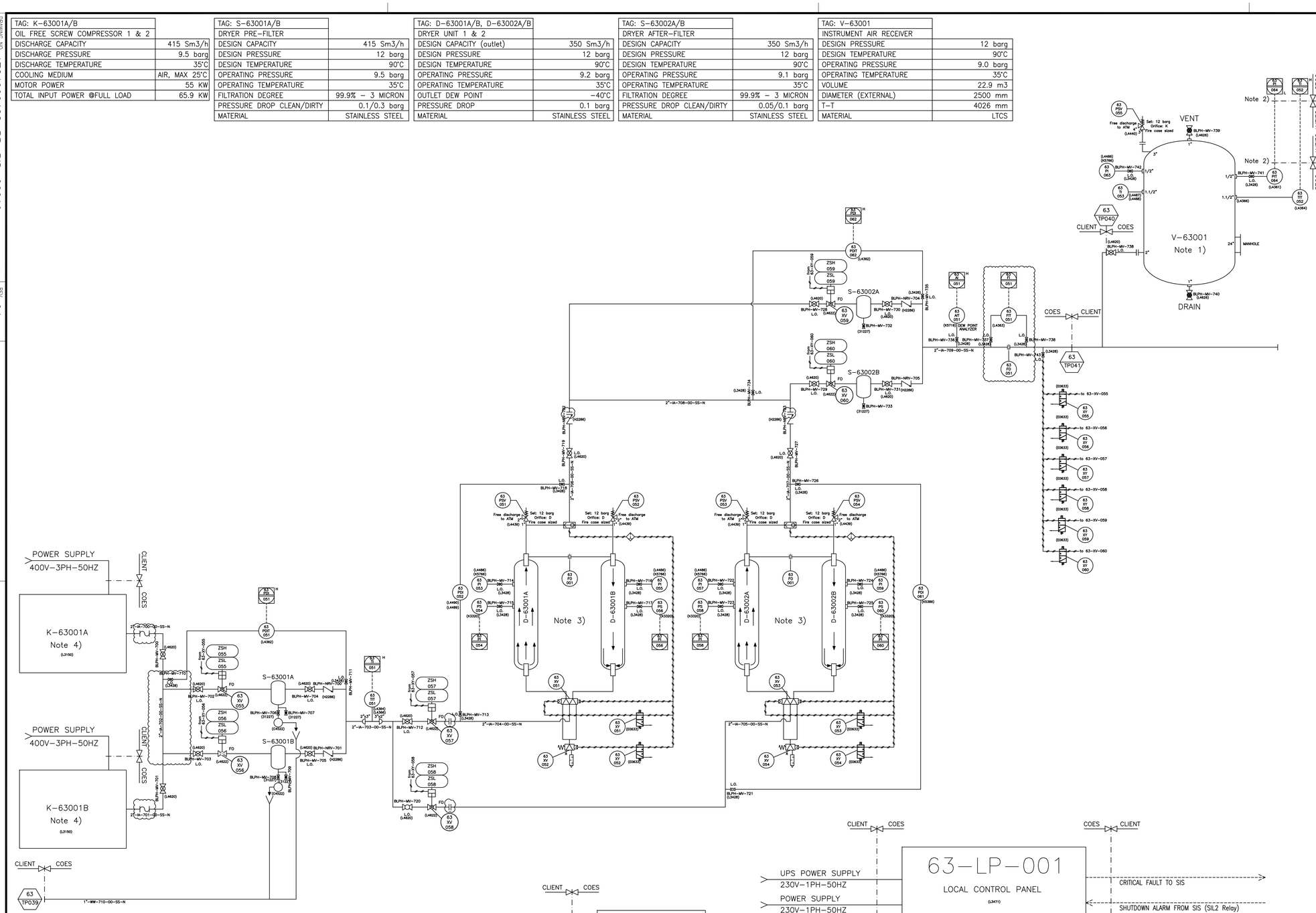
TAG: K-63001A/B	
OIL FREE SCREW COMPRESSOR 1 & 2	
DISCHARGE CAPACITY	415 Sm3/h
DISCHARGE PRESSURE	9.5 barg
DISCHARGE TEMPERATURE	35°C
COOLING MEDIUM	AIR, MAX 25°C
MOTOR POWER	55 KW
TOTAL INPUT POWER @FULL LOAD	65.9 KW

TAG: S-63001A/B	
DRYER PRE-FILTER	
DESIGN CAPACITY	415 Sm3/h
DESIGN PRESSURE	12 barg
DESIGN TEMPERATURE	90°C
OPERATING PRESSURE	9.5 barg
OPERATING TEMPERATURE	35°C
FILTRATION DEGREE	99.9% – 3 MICRON
PRESSURE DROP CLEAN/DIRTY	0.1/0.3 barg
MATERIAL	STAINLESS STEEL

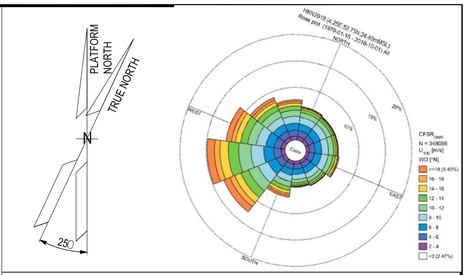
TAG: D-63001A/B, D-63002A/B	
DRYER UNIT 1 & 2	
DESIGN CAPACITY (outlet)	350 Sm3/h
DESIGN PRESSURE	12 barg
DESIGN TEMPERATURE	90°C
OPERATING PRESSURE	9.2 barg
OPERATING TEMPERATURE	35°C
OUTLET DEW POINT	-40°C
PRESSURE DROP	0.1 barg
MATERIAL	STAINLESS STEEL

TAG: S-63002A/B	
DRYER AFTER-FILTER	
DESIGN CAPACITY	350 Sm3/h
DESIGN PRESSURE	12 barg
DESIGN TEMPERATURE	90°C
OPERATING PRESSURE	9.1 barg
OPERATING TEMPERATURE	35°C
FILTRATION DEGREE	99.9% – 3 MICRON
PRESSURE DROP CLEAN/DIRTY	0.05/0.1 barg
MATERIAL	STAINLESS STEEL

TAG: V-63001	
INSTRUMENT AIR RECEIVER	
DESIGN PRESSURE	12 barg
DESIGN TEMPERATURE	90°C
OPERATING PRESSURE	9.0 barg
OPERATING TEMPERATURE	35°C
VOLUME	22.9 m3
DIAMETER (EXTERNAL)	2500 mm
T-T	4026 mm
MATERIAL	LTCS



CONNECTIONS			
POS.	TYPE	MATERIAL	SERVICE
TP039	ø 1" ANSI B16.5 150 R.F.	SS 316/316L	DRAIN DISCHARGE
TP041	ø 2" ANSI B16.5 150 R.F.	SS 316/316L	INSTRUMENT AIR OUTLET
TP040	ø 2" ANSI B16.5 150 R.F.	SS 316/316L	AIR RECEIVER



NOTES

1) INSTRUMENT AIR RECEIVER IS SUPPLIED LOOSE
2) CABLE, CABLE GLANDS AND CABLE TRAY PROVIDED BY COES. WIRING CONNECTION TO THE PLC SHALL BE EXECUTED BY CLIENT.
3) AUTOMATIC SWITCH-OVER DIRECTLY MANAGED BY PLC.
4) REFER TO SHEET NO. 002 FOR DETAILED AIR COMPRESSOR P&ID.
5) FOR THE EXCHANGED SERIAL SIGNALS SEE VENDOR'S DOCUMENT "I/O LIST" NUMBER 1724000428-IN-LIS-00016
6) FOR THE OPERATING PHILOSOPHY SEE VENDOR'S DOCUMENT "SYSTEM/PACKAGE FUNCTIONAL DESCRIPTION" NUMBER 1724000428-MAC-SP-00003

LEGEND

- SKID MOUNTED INSTRUMENT
- TIE-IN POINT
- SKID PLC SIGNAL
- PROCESS LINE
- INSTRUMENT AIR / IMPULSE LINE
- ELECTRICAL / INSTRUMENT SIGNAL
- SOFTWARE SIGNAL
- AUTOMATIC DRAIN TRAP
- 5-WAY PNEUMATIC VALVE
- THREADED BALL VALVE
- 3-WAY PNEUMATIC VALVE
- FLANGED BALL VALVE
- 3-WAY SELF ACTUATED VALVE
- PRESSURE RELIEF VALVE
- SOLENOID VALVE
- SILENCER
- EXPANSION JOINT

HOLDS

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	02/04/25	GT	MC	TM	ACCEPTED FOR CONSTRUCTION (AFC)
04	28/10/24	GT	MC	TM	ACCEPTED FOR CONSTRUCTION (AFC)
03	05/09/24	GT	MC	TM	ACCEPTED FOR CONSTRUCTION (AFC)
02	04/07/24	GT	MC	TM	ISSUE FOR REVIEW (IFR)
00	21/03/24	GT	MC	TM	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

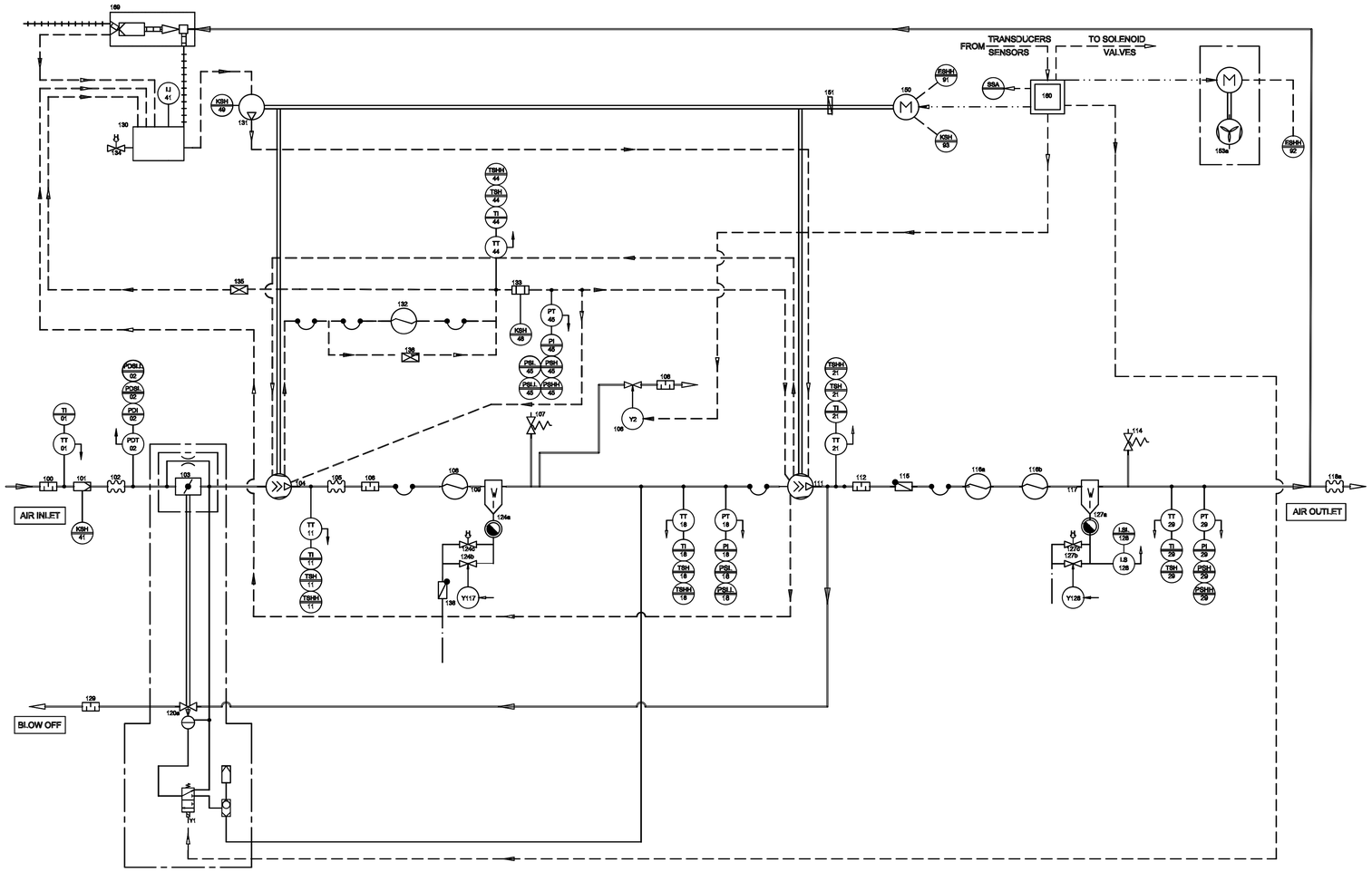
TITLE : BASE LOAD POWER HUB (BLPH)
PACKAGE P&ID
INSTRUMENT AIR PACKAGE

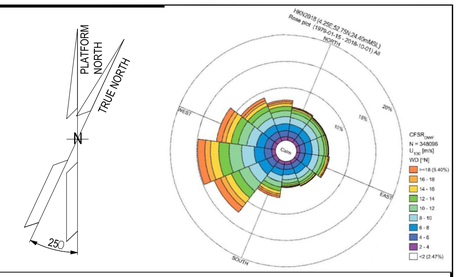
CONTRACT NO./TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK	SCALE	N/A
DRAWN GT	CHECKED MC	APPROVED TM	DATE 28/10/24
A1	DRAWING NO. 1724000428-PR-PID-00019	SHEET 001	REV. 04

File Name : 1724000428-PR-PID-00019

DRAWING NO. 1724000428-PR-PID-00019

REV. 04





NOTES

LEGEND

HOLDS

REV.	DATE	DRN	CHKD	APPD	DESCRIPTION
05	02/04/25	GT	MC	TM	ACCEPTED FOR CONSTRUCTION (AFC)
04	28/10/24	GT	MC	TM	ACCEPTED FOR CONSTRUCTION (AFC)
03	05/09/24	GT	MC	TM	ACCEPTED FOR CONSTRUCTION (AFC)
02	04/07/24	GT	MC	TM	ISSUE FOR REVIEW (IFR)
00	21/03/24	GT	MC	TM	ISSUE FOR REVIEW (IFR)

CROSSWIND

ROSETTI MARINO

TITLE :

BASE LOAD POWER HUB (BLPH)
PACKAGE P&ID
INSTRUMENT AIR PACKAGE

CONTRACT NO./TITLE	CW-I-WP4-2023-05/HOLLANDSE KUST NOORD WIND PARK			SCALE	N/A
DRAWN	GT	CHECKED	MC	APPROVED	TM	DATE	28/10/24
A1	DRAWING NO. 1724000428-PR-PID-00019			SHEET	002	REV.	04

File Name : 1724000428-PR-PID-00019