



REFERENCE DOCUMENTS:

- SYMBOLS, ABBREVIATIONS: 83704354.7
- 1ST STAGE MACHINE TRAIN P&I-DIAGRAM: 83704354.3
- 2ND STAGE MACHINE TRAIN P&I-DIAGRAM: 83704355.3
- 3RD STAGE MACHINE TRAIN P&I-DIAGRAM: 83704355.4
- 4TH STAGE MACHINE TRAIN P&I-DIAGRAM: 83704355.5
- 2ND STAGE DRY GAS SEAL SYSTEM P&I-DIAGRAM: 83704355.6
- 3RD STAGE DRY GAS SEAL SYSTEM P&I-DIAGRAM: 83704355.7
- 4TH STAGE DRY GAS SEAL SYSTEM P&I-DIAGRAM: 83704355.8
- 1ST STAGE LUBE OIL SUPPLY UNIT P&I-DIAGRAM: 83704354.5
- 2ND STAGE LUBE OIL SUPPLY UNIT P&I-DIAGRAM: 83704355.9
- 3RD STAGE LUBE OIL SUPPLY UNIT P&I-DIAGRAM: 83704356.0
- 4TH STAGE LUBE OIL SUPPLY UNIT P&I-DIAGRAM: 83704356.1
- 1ST STAGE GENERAL ARRANGEMENT: 1-104.430.408
- 2ND STAGE GENERAL ARRANGEMENT: 1-104.430.409
- 3RD STAGE GENERAL ARRANGEMENT: 1-104.430.410
- 4TH STAGE GENERAL ARRANGEMENT: 1-104.430.411
- 1ST STAGE VRD LINE LIST: 83704974.7

NOTES :

- 1) MAXIMUM ALLOWABLE BACKPRESSURE = < 7 mbar (50 mmWC).
- 2) NORMAL FLARE BACKPRESSURE = 0.25 barg.  
MAXIMUM ALLOWABLE FLARE BACKPRESSURE = 1.5 barg.
- 3) ALL HC INSTRUMENT TUBING SELF-DRAINING OR WITH LOW POINT DRAIN VALVE
- 4) TUBING ELEMENTS AND COMPRESSION FITTINGS SHALL BE USED ONLY FOR INSTRUMENT TUBING DOWNSTREAM OF WELDED AND FLANGED LINE VALVES AND FOR NON-HAZARDOUS FLUID LIKE AIR OR N<sub>2</sub> (SIZES 1/2 TO 1 INCH).
- 5) COALESCING TYPE FILTER
- 6) ALL TUBING TO BE 6Mo
- 7) LAGGED AND HEAT TRACED
- 8) INTEGRATED IN PCV
- 9) 4" PIPE LENGTH TO BE SELECTED SO, THAT RESULTING PIPE VOLUME EQUALS 4 LITERS
- 10) DRY AND CLEAN  
MAX. FILTRATION 5µm ABS.
- 11) NETHERLOCKS FOR LO/LC VALVES (KEY LOCKED VALVES) e.g. ①
- 12) ALL SIGNALS INDICATED AS MONITOR DISPLAY  
IN THE CONTROL UNIT WILL ALSO  
BE DISPLAYED IN THE MONITOR DISPLAY  
IN THE DCS (SAS-HMI).
- 13) SYSTEM MONITORING INCLUDING VOTING LOGIC (WHERE APPLICABLE)  
PERFORMED IN COMPRESSOR UCP NO.1  
SHUTDOWN FUNCTIONS PERFORMED IN UCP PSD  
ALARM FUNCTIONS PERFORMED IN UCP PCS
- 14) DRY AND CLEAN NITROGEN  
PURITY >= 95%  
MIN. 5 BARG
- 15) THIS INSTRUMENT IS EQUIPED WITH AN INDICATION

GENERAL NOTE:  
ALL TAGNUMBERS FOR INSTRUMENTS, ORIFICES AND VALVES  
ARE PREFIXED WITH 23- e.g. 23-TE 96168

Acceptance code (Norsok)

Code 1: Accepted

Code 2: Accepted with comments incorporated, revise and resubmit

Code 3: Not accepted, revise and resubmit

Code 4: Issued for information

Code 5: Interface information as clouded is accepted and frozen

Date: [Redacted]

Printed name and discipline: [Redacted]

Signature: [Redacted]

PACKAGE NO. 411-037058GF		CONTRACTOR						
PACKAGE TITLE ELECTRIC DRIVE COMPRESSORS		MAN TURBO AG SCHWEIZ						
TAG NO. 23-KA-9101		SSL CODE 6.5						
P.O. NO. 037058								
CONTRACT NO. 037058								
REGISTRATION CODES		DRAWING NO.						
AREA	SYSTEM	TYPE	FACILITY CODE ORG.	DISP.	SEQ. No.	SHEET	REV.	SCALE
T	23	XB	PH 25578	P	4.110010	001	Z1	A0

Rev.	By	Date	Rev.	By	Date
1	K	24.05.11	1	K	24.05.11
2	J	30.08.09	2	J	30.08.09
3	I	17.07.09	3	I	17.07.09
4	H	04.12.08	4	H	04.12.08
5	G	27.10.08	5	G	27.10.08

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5	G	27.10.08	5	G	27.10.08

BP Valhall 07 7800005.78

1ST STAGE DRY GAS SEAL SYSTEM P&I-DIAGRAM

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