

TAG NUMBER	PM-4104
SERVICE	Aux. SWL pump (submerged) motor
SHAFT POWER	185 kW
VOLTAGE	400
PHASES	3
HZ	50
SPEED	1460
MATERIAL	25% Cr Super Duplex
VENDOR	INDAR

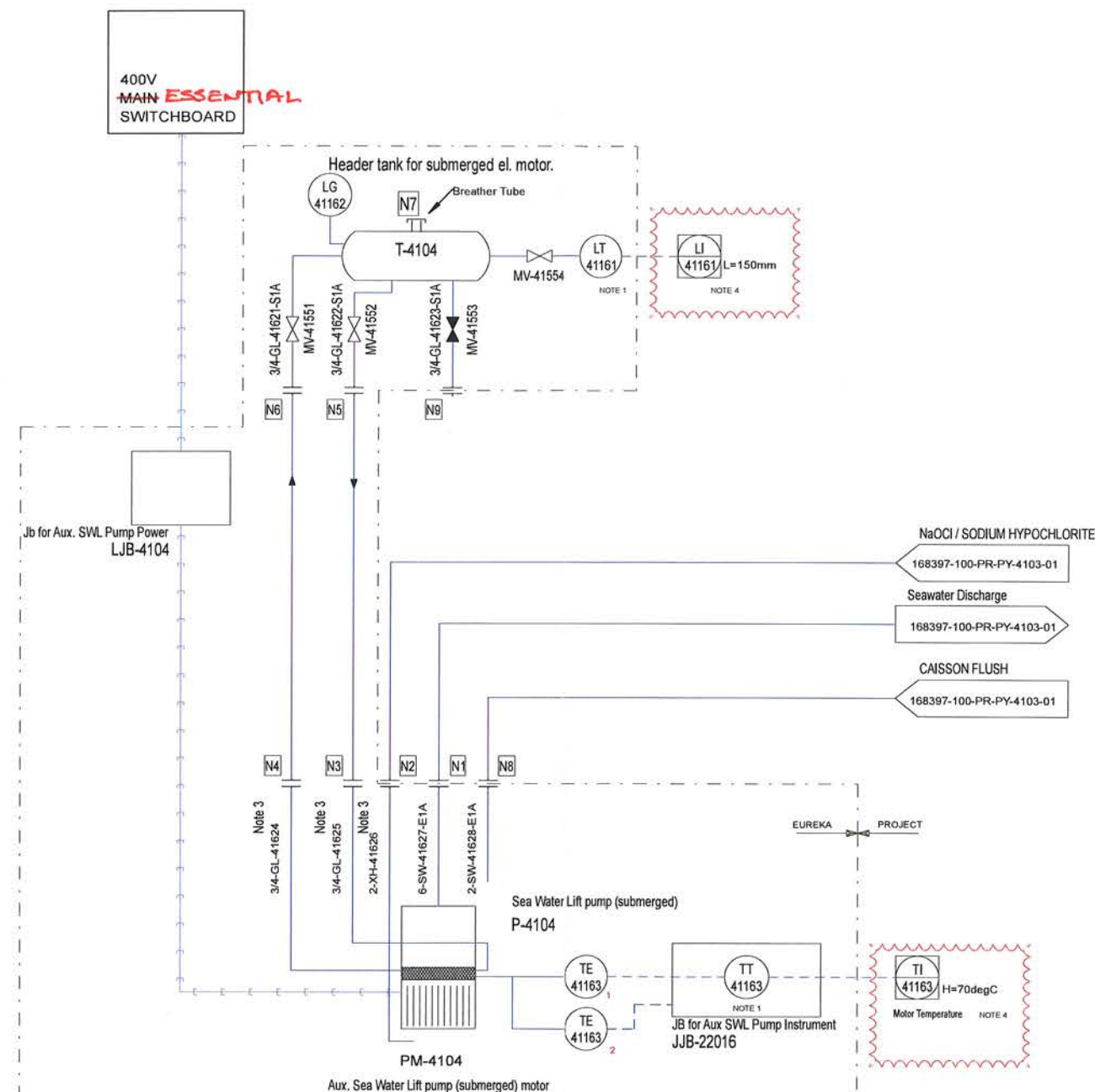
TAG NUMBER	P-4104
SERVICE	Aux. SWL pump (submerged) pump
DESIGN FLOW AT P/T	270 m3/h
DISCH. PRESSURE	11.9 barg
DIFF. PRESSURE	15.7 bar
SHAFT POWER	164 kW
INSUL. CLASS / THICKN.	NA
MATERIAL	25% Cr Duplex SS
VENDOR	Eureka Pumps A/S

TAG NUMBER	T-4104
SERVICE	Header tank for submerged el. motor.
DIMENSIONS HxWxD	1277x632x467 MM
DESIGN CAPACITY	0.04 m3
DES. / OPER. P	0.4 bar / 0.4 bar
DES. / OPER. T	110degC / 60degC
INSUL. CLASS / THICKN.	NA
MATERIAL	316I
VENDOR	Eureka Pumps A/S

P&ID legend:

- Process line.
- Vendor package limit.
- Hardwired signal.
- Electrical Power Signal

- TRANSMITTERS ARE EUREKA SCOPE. SIGNAL TO BE TRANSMITTED TO PROJECT CONTROL PANEL, NOT PART OF EUREKA SCOPE.
- CONNECTIONS & PIPING BY EUREKA
- ACID HOSE (RUBBER) CHEM 10bar
- H=Alarm, L=Alarm



NOZZLE No.	DESCRIPTION	SIZE	STANDARD	MATERIAL	REMARKS
N1	Pump discharge	6"	ANSI B16.5 150# RF	ASTM A276	X
N2	NaOCl / Sodium Hypochlorite	2"	ANSI B16.5 300# RF	ASTM B381G1.2	X
N3	Glycol/Water to motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N4	Glycol/Water from motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N5	Glycol/Water to motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N6	Glycol/Water from motor	3/4"	ANSI B16.5 150# RF	AISI 316	Note 2
N7	Header Tank Filling and Breather Tube	1"	Manuf. Std.	AISI 316	X
N8	Caisson Flush	2"	ANSI B16.5 150# RF	25% Cr Duplex	X
N9	Header Tank Drain (PLUGGED)	3/4"	NPTF	AISI 316	X

Nexen Petroleum (U.K.) Limited Golden Eagle Area Development					
VENDOR : EUREKA PUMPS AS					
EQUIPMENT TITLE : SEAWATER LIFT PUMPS					
EQUIPMENT TAG NO(S) : P-4104					
GEAD Vendor Document Number					
Purchase Order Number	Doc Type Code	Seq. No	Rev.	DATE	
168397-200-PO-3276	MC2	002	07	25.01.13	
INCLUDES DOCUMENT CODES :			TOTAL SHEETS : 1		
<input checked="" type="checkbox"/>	F	Final (accepted) - manufacturing may proceed.			
<input type="checkbox"/>	A	Qualified Release - revise and re-submit. Manufacturing may proceed subject to incorporation of comments.			
<input type="checkbox"/>	R	Rejected - revise and re-submit. Manufacturing may not proceed.			
<input type="checkbox"/>	I	Accepted for information only.			
Review of Vendor documents does not relieve Vendor of the responsibility for correctness under the Purchase Order. Permission to proceed does not constitute acceptance of design, detail and calculations, test methods or materials developed or selected by the Vendor and does not relieve the Vendor from full compliance with the Purchase Order or any other obligations, nor detract from any of the Purchaser's rights.					
Engineer :			Date : 7/3/13		
Created by:		Checked by:		Approved by:	
Date: 25.01.13	Sign: ANKR	Date: 25.01.13	Sign: STNI	Date: 25.01.13	Sign: STEL
Title:			Document status:		
AUX. SEAWATER LIFT PUMP PIPING & INSTRUMENT DIAGRAM P&ID			Document number: XB-002		
Drawing no.: 10359-XB-002			Rev. Date of issue: Size Sheet		
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