








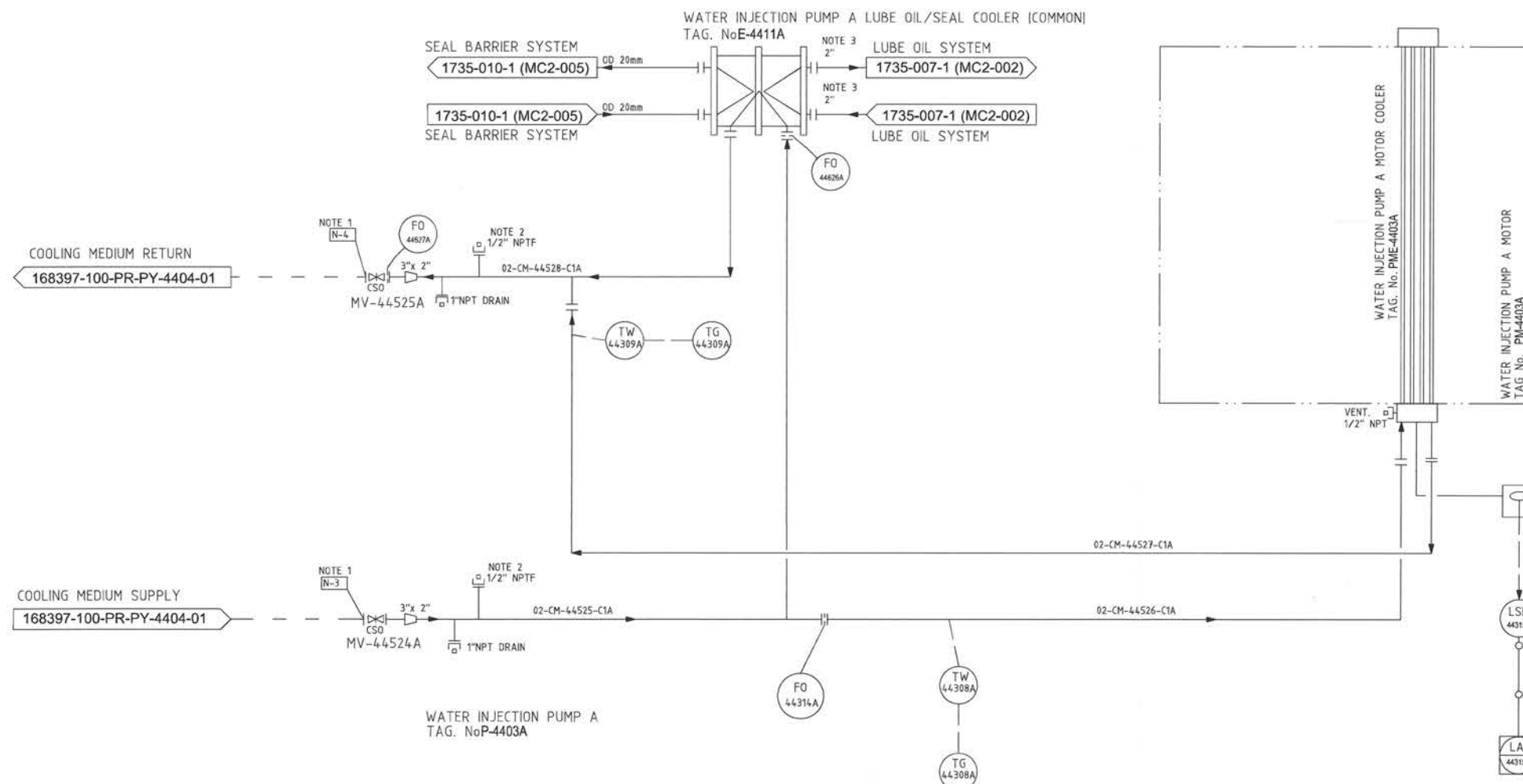
TAG NUMBER: E-4411A						
SERVICE: WATER INJECTION PUMP A LUBE OIL/SEAL COOLER (COMMON)						
MEDIUM	HOT SIDE		COLD SIDE		HOT SIDE	
	HYDR. OIL	ISO VG32	COOLING MEDIUM	FRESHWATER/TEG 70/30 %	BARRIER FLUID	REF. UTILITY CONSUMPTION LIST
	DESIGN	OPER.	DESIGN	OPER.	DESIGN	OPER.
DUTY (KW)	130	117	150	135	20	18
TEMP. (°C)	60	54	21	18	53	47
PRESS. (BARG)	25	8	25	10.4	25	19
FLOW (M3/h)	16	16	9.6	9.6	2.34	2.34

TAG NUMBER: PME-4403A				
SERVICE: WATER INJECTION PUMP A MOTOR COOLER				
MEDIUM	HOT SIDE		COLD SIDE	
	AIR		COOLING MEDIUM	FRESHWATER/TEG 70/30 %
	DESIGN	OPER.	DESIGN	OPER.
DUTY (KW)	180	180	180	180
TEMP. (°C)	85	82	21	18
PRESS. (BARG)	0.03	0.003	18.5	10.4
FLOW (M3/h)	10548	10548	24.8	24.8

# NOTES:

1. N-XX REF. NOZZLE NO. ON GEN. ARR. DOC. NO.: 1735-005-1 (MB1-001)
2. AVAILABLE NOZZLE FOR FLUSHING DEVICE.
3. FOR LINE NUMBER REF. 1735-007-1 (MC2-002)

-  PRESSURE TESTING POINT  
 PROCESS CONTROL SYSTEM  
 MCC MOTOR CONTROL CENTRE  
 FIELD MOUNTED INSTRUMENT  
 LOCAL PANEL MOUNTED INSTRUMENT  
 FLOAT SWITCH  
 SCREWED PLUG



## GENERAL NOTES:



ALL EQUIPMENT TAG NO'S SHOWN ARE FOR P-4403A. FOR ALL P-4403B EQUIPMENT TAG NO'S REPLACE A WITH B AND FOR ALL P-4403C EQUIPMENT TAG NO'S REPLACE A WITH C.


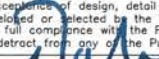
ALL VALVE TAG NO'S SHOWN ARE FOR P-4403A. FOR ALL P-4403B VALVE TAG NO'S REPLACE A WITH B AND FOR ALL P-4403C VALVE TAG NO'S REPLACE A WITH C.

ALL LINE NO'S SHOWN ARE FOR P-4403A. FOR ALL P-4403B LINE NO'S REPLACE 445XX WITH 446XX AND FOR ALL P-4403C LINE NO'S REPLACE 445XX WITH 447XX.

ALL NON-COMPLIANT TUBING MARKED RED.

Ø TUBING	WALL THICKNESS	MATERIAL
20mm	- mm	6Mo

				Item	Qty	Id. no	Description	Drg. no./Type			Material	
F	AS BUILT	ATJ/10-Sep-12	TL0				This drawing is our property. It is not to be traced, copied or published without our written consent, nor to be misused in any way.	Status	Sign.	Date	 Frank Mohn AS	Weld. drg./Cast. drg.
E	AS BUILT	ATJ/15-Aug-12	TL0					Constr.	ATJ	15.08.11		
D	UPDATE	ATJ/23-Jan-12	TL0					Drawn by	ATJ	15.08.11		
C	UPDATE	ATJ/28-Nov-11	TL0					Checked	WBI	15.08.11		
B	UPDATE	ATJ/04-Nov-11	TL0					Prot. rel.				
A	UPDATE	ATJ/29-Sep-11	TL0					Prod. rel.	TL0	15.08.11		
R	Zone	R.O.no.	Sign./Date	Ctrl	Project. used	Original Scale	P&ID COOLING WATER SYSTEM					Replaces: 1735-008-1
												Revised by:

Nexen Petroleum (U.K.) Limited Golden Eagle Area Development			
VENDOR :  Frank Mohn AS			
EQUIPMENT TITLE : WATER INJECTION PUMPS			
EQUIPMENT TAG NO(S) : P-4403 A/B/C			
GEAD Vendor Document Number			
Purchase Order Number	Doc. Type	Seq. No.	Rev.
168397-200-PO-3272 - MC2 - 003			07
			DATE
			10.09.12
INCLUDES DOCUMENT CODES :			TOTAL SHEETS : 01
<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 : 31/01/12

Org. no./Type	Material
Frank Mohn AS	Weld. drg./Cast. drg.
P&ID	Replaces:
COOLING WATER SYSTEM	1735-008-1
	Replaced by: