

GENERAL NOTES

PUMP INFORMATION	
Item No.:	115-P-103/ 115-P-203
Unit:	115
Service:	BUTANE PRODUCT PUMP
Model:	EGS-11-48/615
Seal Plan:	11-52
Motor:	132KW - 2P

- The location of Junction Box 'A' will be finalized after pipe line work finished.
- The main electric motor is CW viewing from the coupling end.
- Cables and Cable Connections:

	Cable Gland Thread	Cable Cores (mm ²)
Main Motor	2 x M63	2 x (3 x 120)
Main Motor Spare Heater	M20	3 x 4
Aux. Motor (Lube Oil)	1 x M25	3 x 4
Aux. Motor (Oil Cooler)	NA	NA

REFERENCE DRAWINGS	DWG NO.
MECH SEAL SYSTEM DRAWING	VP-SF2021-ON-MA-115-P103-0148
MOTOR OUTLINE DRAWING	VP-SF2021-ON-MA-115-P103-0189
COUPLING DRAWING	VP-SF2021-ON-MA-115-P103-0668
JUNCTION BOX DRAWING	VP-SF2021-ON-MA-115-P103-0207
PUMP PAD DRAWING	VP-SF2021-ON-MA-115-P103-0041

Code1 ☒ (Approved) Vendor to submit "For Final" (No comment & release for manufacturing)

Code2 ☐ (Approved with comments) Vendor shall correct / revise & submit it as "For Final" (Released for manufacturing if change incorporated as indicated)

Code3 ☐ (Commented) : Vendor shall correct / revise & resubmit : if as "For Approval" of the date specified : (Corrected documents to be)

Code4 ☐ Not Acceptable quality (Reject)

The above checking result by OIEC shall in no way relieve the Vendor of its responsibility to ensure the quality of the purchase order and the mutual agreement in writing.

DATE : 13.07.2013
DEPT: Machinery
Signature : M.S

OIEC-SF 20421

Only for internal review

CV	PI	EL	IN	ME	MA
ST	BU	PR	SA	HW	TL

1. Jul. 2013	FOR APPROVAL	DPB	Tino	Ryon
24. Apr. 2013	FOR APPROVAL	DPB	Tino	Ryon
REV.	DATE	DESCRIPTION	ORIG. PREP.	CHD. APP'D.

SOUTH PARS GAS FIELD DEVELOPMENT- PHASES 20 & 21, ASSALUYEH-IRAN ONSHORE FACILITIES

PROJECT No.: POGC-572-88-35

DOC CLASS: SCALE :

DEEP BLUE PUMP CO.

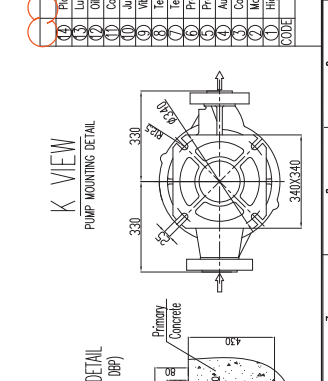
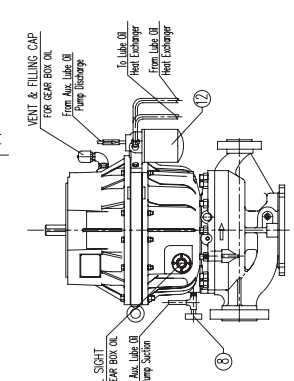
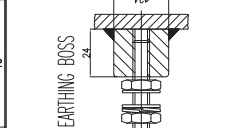
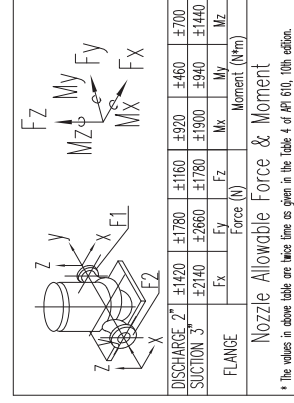
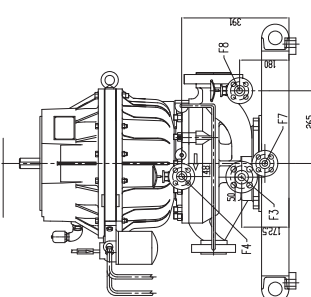
115-P-103/ 115-P-203
 BUTANE PRODUCT PUMP
 GENERAL ARRANGEMENT DRAWING

DRAWING No.: VP-SF2021-ON-MA-115-P103-0013 SHEET No.: 1 OF 1 REV. 5

PROCESS CONNECTIONS	Code	Size & Rating	Description	Remark
F1	3" ANS 600LB-RF	Discharge	Flange With valve	
F2	2" ANS 600LB-RF	Casing Drain	Flange With valve	
F3	3/4" ANS 600LB-RF	Casing Vent	Flange With valve	
F4	1" ANS 150LB-RF	Cooling Water Inlet	Flange With valve	
F5	1" ANS 150LB-RF	Cooling Water Outlet	Flange With valve	
F6	1/2" ANS 150LB-RF	Oil Sump Drain	Flange With valve	
F7	1/2" ANS 150LB-RF	Flange22 Vent (To Flare)	Flange With valve	
F8	3/4" ANS 300LB-RF	Flange22 Drain	Flange With valve	
F9	3/4" ANS 300LB-RF	Flange22 Filling	Flange With valve	
F10	1/2" Quick Fittings	Flange22 Filling	Flange With valve	
F11	1/2" Quick Fittings	Flange22 Filling	Flange With valve	

Maximum Allowable Amplitude for Foundation:	
Velocity (PEAK) :	4 mm/s
Displacement :	3.3 mm
WEIGHT OF HIGH SPEED ROTOR :	7.2 KG
WEIGHT OF MOTOR ROTOR :	11423 KG
SPEED OF MOTOR ROTOR :	188 RPM
SPEED OF MOTOR ROTOR :	2982 RPM

M VIEW



COOLING WATER SUPPLIED	
Item	115-P-103 A/B
Pressure (bar)	9.04 ~ 9.74
Temp. Inlet/Outlet	7.64 ~ 8.64

COOLING WATER FOR PUMP UNIT	
Cooling Consumption (gpm/Pressure)	Temp. Inlet/Outlet
Seal system 0.9 m ³ /h	30 / 40 °C
Lube oil 0.6 m ³ /h	30 / 40 °C

