


















OWNER:  شرکت سست و سویی گستره ایرانیان (سهامی عامه)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER								
MC :  شرکت سست و سویی گستره ایرانیان (سهامی عامه)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-11E	BU	20	VD	303	ME	DSH	0019	Rev.:	Page
								00	1 of 3

Tag number must be considered for the equipment and it must be visible in PID.

MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

 شرکت سست و سویی گستره ایرانیان (سهامی عامه)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	IFA	
Result Code: AP,AN,CM,RE,NC	CM	
Next Status : IFC,IFA,IFI,AFC,AB	IFA	
Responsible Department	MECHANICAL	
Commented Date	DEC/8/2021	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

00	16/11/2021	For approval	KP	LdM	CL	
Rev	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P

VENDOR 		MAIN OIL PUMP DATASHEET		P.O. No.	52-98/445
CONTRACTOR / END USER     				Document No.	17811-11E
				Sheet No.	3
				Rev.No	00
CONTRACTOR / END USER     		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT			
		Service	instrument air compressor 20-C-1002		
SHAFT DRIVEN OIL PUMP					
1					
2	No. Required	1			
3	MFR Supplier	Mehrer			
4	Type of Pump :	Gear Pump (Shaft driven)			
5	Oil Type (Pumping Fluid) :	Klüber Summit PS300			
6	Capacity :	30 - 50 L/h			
7	Min.. Oil Temperature :	5 °C			
8	Max. Oil Temperature :	70 °C			
9	Max. Allowable Oil Pressure / MAWP :	4 bar(g)			
10	Min. Allowable Oil Pressure :	1,6 bar(g)			
13	Operating Oil Pressure :	2,0 bar(g)			
14	PRV Set Pressure :	2,0 bar(g)			
15	Location :	Rear bearing cover			
16					
17	NOTES : The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle.				

Please add following items to data sheet:

- 1- Material of pump (Body and gear)
- 2- Design temperature
- 3- Design pressure
- 4- RPM of pump
- 5- Standard design