


















OWNER:  شرکت سست و سویی توهمه ایران لیان (سهامی عامه)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>							EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	<b>MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER</b>							 Netherlands	
MC :  شرکت سست و سویی توهمه ایران لیان (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
								01	1 of 3

## MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

 شرکت سست و سویی توهمه ایران لیان (سهامی عامه)	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>
<b>Document Review</b>		
Issue Purpose:	IFA	
Result Code: AP,AN,CM,RE,NC	AP	
Next Status : IFC,IFA,IFI,AFC,AB	AFC	
Responsible Department	MECHANICAL	
Commented Date	DEC/18/2021	
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>		

01	15/12/2021	For approval	KP	LdM	CL	
00	16/11/2021	For approval	KP	LdM	CL	
Rev	Date	Purpose of Issue	Prepared	Checked	Approved	AC Code
					Class: 1	Phase: P



<b>VENDOR</b> 		<b>MAIN OIL PUMP DATASHEET</b>		P.O. No. 52-98/445	
<b>CONTRACTOR / END USER</b>     				Document No. 17811-11E	
				Sheet No. 3	
				Rev.No 01	
<b>CONTRACTOR / END USER</b>     		<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>		Service instrument air compressor 20-C-1002	
<b>1 SHAFT DRIVEN OIL PUMP</b>					
2	<b>No. Required</b>	1			
3	<b>MFR Supplier</b>	Mehrer			
4	<b>Type of Pump :</b>	Gear Pump (Shaft driven)			
5	<b>Oil Type (Pumping Fluid) :</b>	Klüber Summit PS300			
6	<b>Capacity :</b>	30 - 50 L/h			
7	<b>Min.. Oil Temperature :</b>	5 °C			
8	<b>Max. Oil Temperature :</b>	70 °C			
9	<b>Max. Allowable Oil Pressure / MAWP :</b>	4 bar(g)			
10	<b>Min. Allowable Oil Pressure :</b>	1,6 bar(g)			
13	<b>Operating Oil Pressure :</b>	2,0 bar(g)			
14	<b>PRV Set Pressure :</b>	2,0 bar(g)			
15	<b>Location :</b>	Rear bearing cover			
14	<b>Material of pump :</b>	SS gear and Nodular iron body			
15	<b>Design Temperature :</b>	-5 to 85°C			
16	<b>Design pressure</b>	3.5 bar(g)			
17	<b>RPM of Pump</b>	Gear driven so not applicable			
18	<b>Design</b>	manufacturer standard			
19	<b>NOTES : The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle.</b>				