













OWNER:  شرکت سست و سویی توهمه ایران (سهامی خاص)	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 توهمه ایران (سهامی خاص)	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
								02	1 of 3

MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

 		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	AFC	
Result Code: AP,AN,CM,RE,NC	AP	
Next Status : IFC,IFA,IFI,AFC,AB	AB	
Responsible Department	MECHANICAL	
Commented Date	Jan /09/2022	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

02	07/01/2022	Approved for construction	KP	LdM	CL	
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

VENDOR 		MAIN OIL PUMP DATASHEET		P.O. No. 52-98/445	
				Document No. 17811-11E	
				Sheet No. 3	
				Rev.No 2	
CONTRACTOR / END USER     			BUSHEHR PETROCHEMICAL COMPANY MEG PLANT		
					Service
1 SHAFT DRIVEN OIL PUMP					
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			
14	Material of pump :	SS gear and Nodular iron body			
15	Design Temperature :	-5 to 85°C			
16	Design pressure	3.5 bar(g)			
17	RPM of Pump	Gear driven so not applicable			
18	Design	manufacturer standard			
19	NOTES : The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle.				