OWNER:

MC :

BUSHEHR PETROCHEMICAL COMPANY
MEG PLANT

MAIN OIL PUMP MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

EPC CONTRACTOR:

Chagalesh-Enerchimi-Steam
Joint Venture
BUPC-MEG PLANT PROJECT

	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

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**

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VENDOR Airpack Netherlands	**MAIN OIL PUMP DATASHEET**	P.O. No.	52-98/445
		Document No.	17811-11E
		Sheet No.	3
		Rev.No	2
CONTRACTOR / END USER SSTI شرکت سمت و سوی توسعه ایرانیان (سهامی خاص) imont Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT		
		Service	instrument air compressor 20-C-1002

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.**			