










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	
	LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR								
MC :  شرکت سست و سویی توهمه ایران (سهامی خاص)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
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LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

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 		LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR		P.O. No. 52-98/445	Document No. 17811-11L	Sheet No. 3	Rev.No 02
CONTRACTOR / END USER    			BUSHEHR PETROCHEMICAL COMPANY MEG PLANT				
Service	instrument air compressor 20-C-7080						
SHAFT DRIVEN OIL PUMP							
1							
2	No. Required	1					
3	MFR Supplier	Mehrer					
4	Type of filter :	strainer in sump					
5	Oil Type :	Klüber Summit PS300					
6	Mesh size of filter	0,6 mm					
7	Capacity :	30 - 50 L/h					
8	Min.. Oil Temperature :	5 °C					
9	Max. Oil Temperature :	70 °C					
10	Max. Allowable Oil Pressure / MAWP :	1 bar(g)					
13	Min. Allowable Oil Pressure :	0,5 bar(g)					
14	Operating Oil Pressure :	0,7 bar(g)					
15	PRV Set Pressure :	0,7 bar(g)					
14	Oil filter design pressure :	3,5 bar(g)					
15	Oil filter design temperature :	-5 to 85°C					
16	Material of filter	element is SS316					
16	Location :	Rear bearing cover					
17	NOTES : 1. The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle. 2. The oil pump PRV set pressure is the set pressure of the oil pump internal overflow valve. 3. The oil filter in this compressor is only a sieve internally in the oil pump suction, therefore there is no housing.						