





OWNER:  شرکت سست و سویی توستر ایرانیاان (سهایی نیاان)	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 توستر ایرانیاان (سهایی نیاان)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-11L	BU	20	VD	303	ME	DSH	0073	Rev.:	Page
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**LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR
EMERGENCY INSTRUMENT AIR COMPRESSOR**

03	26/04/2023	As Built	KP	LdM	CL	
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
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					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 03
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.			