







OWNER:  شرکت سست و سویی توهم ایرانیان (سیاه و شاهر)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>							EPC CONTRACTOR:  Chagalesh-Enerechimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	
	<b>LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>							 Netherlands	
MC :  شرکت سست و سویی توهم ایرانیان (سیاه و شاهر)	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
								01	1 of 3

## LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR

 شرکت سست و سویی توهم ایرانیان (سیاه و شاهر)	 Chagalesh-Enerechimi-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>LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</b>		P.O. No. 52-98/445
				Document No. 17811-11L
				Sheet No. 3
				Rev.No 01
<b>CONTRACTOR / END USER</b>     		<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>		Service instrument air compressor 20-C-7080
<b>SHAFT DRIVEN OIL PUMP</b>				
1				
2	<b>No. Required</b>	1		
3	<b>MFR Supplier</b>	Mehrer		
4	<b>Type of filter :</b>	strainer in sump		
5	<b>Oil Type :</b>	Klüber Summit PS300		
6	<b>Mesh size of filter</b>	0,6 mm		
7	<b>Capacity :</b>	30 - 50 L/h		
8	<b>Min.. Oil Temperature :</b>	5 °C		
9	<b>Max. Oil Temperature :</b>	70 °C		
10	<b>Max. Allowable Oil Pressure / MAWP :</b>	1 bar(g)		
13	<b>Min. Allowable Oil Pressure :</b>	0,5 bar(g)		
14	<b>Operating Oil Pressure :</b>	0,7 bar(g)		
15	<b>PRV Set Pressure :</b>	0,7 bar(g)		
14	<b>Oil filter design pressure :</b>	3,5 bar(g)		
15	<b>Oil filter design temperature :</b>	-5 to 85°C		
16	<b>Material of filter</b>	element is SS316		
16	<b>Location :</b>	Rear bearing cover		
17	<b>NOTES :</b> 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.			