







OWNER:  شرکت سست و سویی آوند ایرانیاان (سایه نیاان)	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	MC :  شرکت سست و سویی آوند ایرانیاان آوند نیاان	LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR						 Netherlands	
Owner Document Number: 17811-11L		Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445
	BU	20	VD	303	ME	DSH	0073	Rev.: 03	Page 1 of 3

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

 شرکت سست و سویی آوند ایرانیاان	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	BUSHEHR PETROCHEMICAL COMPANY MEG PLANT
Document Review		
Issue Purpose:	AB	
Result Code: AP,AN,CM,RE,NC	AP	
Next Status : IFC,IFA,IFI,AFC,AB	-	
Responsible Department	MECHANIC	
Commented Date	Apr.30.2023	
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.		

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		 <p style="text-align: center;">LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR EMERGENCY INSTRUMENT AIR COMPRESSOR</p>		P.O. No.	52-98/445
    <p style="text-align: center;"> <small>Chagalesh-Enerchimi-Siam Joint Venture BUPC-MEG PLANT PROJECT</small> </p>				Document No.	17811-11L
				Sheet No.	3
				Rev.No	03
CONTRACTOR / END USER		<p style="text-align: center;">BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</p>			
    <p style="text-align: center;"> <small>Chagalesh-Enerchimi-Siam Joint Venture BUPC-MEG PLANT PROJECT</small> </p>				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.				