












OWNER:  شرکت سست و سویی توهم ایرایشان (سایه و شیشه)	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							 Netherlands	
MC :  شرکت سست و سویی توهم ایرایشان (سایه و شیشه)	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
								02	1 of 3

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

 شرکت سست و سویی توهم ایرایشان (سایه و شیشه)		 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT	
Document Review					
Issue Purpose:			AFC		
Result Code: AP,AN,CM,RE,NC			AP		
Next Status : IFC,IFA,IFI,AFC,AB			AB		
Responsible Department			MECHANICAL		
Commented Date			Jan/09/2022		
Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.					

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
CONTRACTOR / END USER    		BUSHEHR PETROCHEMICAL COMPANY MEG PLANT		Document No. 17811-11L
				Sheet No. 3
				Rev.No 02
				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.			