








OWNER:  شرکت سست و سویی گستره ایران (سایه شانس)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
	<b>LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER</b>						 Netherlands		
MC :  شرکت سست و سویی گستره ایران (سایه شانس)	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
Owner Document Number: 17811-11F	BU	20	VD	303	ME	DSH	0020	Rev.:	Page
								01	1 of 3

## LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER

 شرکت سست و سویی گستره ایران (سایه شانس)	 Chagalesh-Enerchimi-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	18/11/2021	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 NITROGEN GAS BOOSTER</b>		P.O. No. 52-98/445
				Document No. 17811-11F
				Sheet No. 3
				Rev.No 01
<b>CONTRACTOR / END USER</b>     		<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>		Service Nitrogen compressor 20-C-1002
<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>	Filter (Element)		
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>	4 bar(g)		
11	<b>Min. Allowable Oil Pressure :</b>	1,6 bar(g)		
12	<b>Operating Oil Pressure :</b>	2,0 bar(g)		
13	<b>Oil pump PRV Set Pressure :</b>	2,0 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>	Body / element are SS316		
17	<b>Location :</b>	Rear bearing cover		
<b>NOTES :</b>				
18	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.			