







OWNER:  شرکت سست و سیمو آیرپک (سهامی خاص)	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>						EPC CONTRACTOR:  Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT		
MC :  شرکت سست و سیمو آیرپک تهران	<b>LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER</b>						 Netherlands		
Owner Document Number: 17811-11F	Project	Area	Phase	Unit	Dis.	Doc.	Seq.	Contract No : 52-98/445	
	BU	20	VD	303	ME	DSH	0020	Rev.: 03	Page 1 of 3

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

 شرکت سست و سیمو آیرپک تهران	 Chagalesh-Enerchimi-Steam Joint Venture BUPC-MEG PLANT PROJECT	<b>BUSHEHR PETROCHEMICAL COMPANY MEG PLANT</b>
<b>Document Review</b>		
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	
<b>Approval or review hereunder shall not be construed to relieve Vendor / Subcontractor of his responsibilities and liability under the contract.</b>		

03	26/04/2023	<b>As Built</b>	KP	LdM	CL	
02	07/01/2022	<b>Approved for Construction</b>	KP	LdM	CL	
01	15/12/2021	<b>For approval</b>	KP	LdM	CL	
00	18/11/2021	<b>For approval</b>	KP	LdM	CL	
<b>Rev</b>	<b>Date</b>	<b>Purpose of Issue</b>	<b>Prepared</b>	<b>Checked</b>	<b>Approved</b>	<b>AC Code</b>
.						
					<b>Class: 1</b>	<b>Phase: P</b>



<b>VENDOR</b> 		<b>LUBE OIL SYSTEM FILTER MECHANICAL DATA SHEET FOR NITROGEN GAS BOOSTER</b>		P.O. No. 52-98/445	
<b>CONTRACTOR / END USER</b> 				Document No. 17811-11F	
				Sheet No. 3	
				Rev.No 03	
<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>					
1. The real conditions depends on the environmental temperatures and the working conditions as speed and duty circle.					
18	2. The oil pump PRV set pressure is the set pressure of the oil pump internal overflow valve.				