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	<b>DEHDASHT PETROCHEMICAL INDUSTRY COMPANY</b> <b>DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT</b>	
	DOCUMENT TITLE: Oil Filter Data Sheet	POI: IFA
Contract No.: DPIC/98-12	DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0077	Rev. No.: D2

**DOCUMENT TITLE:**  
  
**Oil Filter Data Sheet**  
**(F-PK6101-1A/2A, F-PK6101-1B/2B)**

<b>PURCHASER'S COMMENT/APPROVAL STATUS</b>					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
2	AN: Approved With Minor Comments (Fabrication may Proceed)				
3	NF: Approved With Comments (Fabrication not Proceed)				Item No. (Tag No.): PK-6101
4	RJ: Rejected				
5	NR: Not be Returned				Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DS-0077-D2
Date: XX.XX.XX      Signature:					
					
D2	02.Feb..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
D1	19.Dec..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
D0	22.Nov..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
<b>REV</b>	<b>DATE ISSUE</b>	<b>PREPARED</b>	<b>CHECKED</b>	<b>APPROVED</b>	



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1	SERVICE:	<b>OIL FILTER</b>	ITEM NO. :	<b>F-PK-6101-1A/2A, F-PK-6101-1B/2B</b>		INSTALLATION	<b>OUTDOOR</b>			
2	NO. REQUIRED:	<b>2x duplex</b>	SIZE:	ID= <b>8"(*)</b> mm	L= <b>1300(*)</b> mm	CAPACITY	<b>35 x 2</b>	lit		
3	FLUID:	<b>LUBE OIL</b>	WEIGHT:	EMPTY <b>715</b>	OPERATION <b>745</b>	FULL OF WATER	<b>785</b>	kg		
DESIGN & TEST DATA				NOZZLE & CONNECTIONS						
5	CODE REQUIRED:	<b>ASME SECT.VIII DIV.1(NO STAMP)</b>			MARK	NO	SIZE	RATING	TYPE	SERVICE
6	PRESSURE:	OPERATING	<b>22.3</b>	barG	<b>A</b>	<b>1</b>	<b>3"</b>	<b>ASME 300#</b>		<b>INLET</b>
7		DESIGN	<b>25.0</b>	barG	<b>B</b>	<b>1</b>	<b>3"</b>	<b>ASME 300#</b>		<b>OUTLET</b>
8		EMER.VAC.DESIGN	<b>F.V</b>		<b>D1</b>	<b>2</b>	<b>2"</b>	<b>ASME 300#</b>		<b>DRAIN DIRTY</b>
9		HYDROSTATIC TEST	<b>37.5</b>	barG	<b>D2</b>	<b>2</b>	<b>2"</b>	<b>ASME 300#</b>		<b>DRAIN CLEAN</b>
10		PNEUMATIC TEST	<b>-</b>	barG	<b>V</b>	<b>2</b>	<b>2"</b>	<b>ASME 300#</b>		<b>VENT</b>
11	TEMPERATURE:	OPERATING	<b>50.0</b>	(°C)						
12		DESIGN	<b>120</b>	(°C)						
13	CORROSION ALLOWANCE:	SHELL & HEADS	<b>3.0</b>	mm						
14		INTERNAL	<b>0.0</b>	mm						
15	TYPE OF HEAD:	<b>FLAT</b>								
16	STRESS RELIEVING:									
17	X-RAY :	<b>N.A.</b>								
18	JOINT EFFICIENCY (%):	<b>0.85</b>								
MATERIALS				FILTERING						
20	SHELL & HEADS	<b>SA106 Gr.B</b>			LIQUID	FLUID	<b>LUBE OIL LIQUID</b>			
21	SUPPORT SADDLES BRACKETS	<b>SA 283</b>				DESIGN FLOW	<b>240 x 1.3</b>	LPM		
22	INTERNAL	<b>S.S</b>				DENSITY	<b>887</b>	kg/m3		
23	NOZZLE NECKS	<b>SA106 Gr.B</b>				VISCOSITY	<b>2.2</b>	Cp		
24	NOZZLE FLANGES	<b>SA105</b>				MOLECULAR WEIGHT	<b>-</b>			
25	BOLTS & NUTS (EXT.)	<b>A193 B7 / A194 2H</b>				TEMPERATURE	<b>80~ 50</b>	(°C)		
26	GASKETS / ORING	<b>VITON</b>				PRESSURE	<b>22.0 ~ 23.0</b>	barG		
27	BOLTS & NUTS (INT.)	<b>-</b>			SOLID	<b>RUST</b>				
28					SOLID TO BE SEPARATED	FLOW RATE	<b>TRACE</b> kg/hr			
29						DENSITY	kg/m3			
30						PARTICLE SIZE	µm			
31						PARTIAL SEPARATION EFFICIENCY	<b>10</b> µm	<b>95</b> %		
32	ACCESSORIES							µm	%	
33	<b>LIFTING LUG , EARTH LUG , NAME PL, COVER DAVIT</b>					µm	%			
34	<b>EQUALIZING VALVE LOCKABLE TYPE</b>					µm	%			
35	<b>TRANSFER VALVE</b>				ELEMENT	TYPE	<b>CARTRIDGE</b>			
36	INSULATION :	<b>NO</b>	mm			PRESS. DROP CLEAN/DIRTY	<b>&lt;0.25 (*)</b> / <b>&lt; 1.0</b>	bar		
37	FIRE PROOFING:	<b>NO</b>				MATERIAL	<b>S.S.304</b>			
38						BORE DIAMETER	<b>*</b>	µm		
39						PARTICLE TO BE REMOVED	<b>10 µm 95 %wt</b>			
40						NO. OF CARTRIDGES	<b>2</b>	m2		
41					OPENING AREA	<b>*</b>	m2			
42										
43	NOTES									
44	1. All internal welds shall be ground flush & sharp corners shall be rounded off.									
45	2. * marks shall be decided by filter element vendor.									
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