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	DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT	
	DOCUMENT TITLE: Oil Filter Data Sheet	POI: IFA
Contract No.: DPIC/98-12	DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0077	Rev. No.: D1

DOCUMENT TITLE:

Oil Filter Data Sheet
(F-PK6101-1A/2A, F-PK6101-1B/2B)

PURCHASER'S COMMENT/APPROVAL STATUS					Purchaser: NARGAN
1	AP: Approved (Released for Manufacturing)				Requisition No.: DPIC98-12-001-000-ME-MR-4150-0001-D1
<input checked="" type="checkbox"/>	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				
Date: 15.01.2022 Signature: A.AB					Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DS-0077-D1
					
D1	19.Dec..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
D0	22.Nov..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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1 SERVICE: OIL FILTER		ITEM NO. : F-PK-6101-1A/2A, F-PK-6101-1B/2B		INSTALLATION		OUTDOOR	
2 NO. REQUIRED: 2x duplex		SIZE: ID= 8"(*) mm L= 1300(*) mm		CAPACITY		* m3	
3 FLUID: LUBE OIL		WEIGHT: EMPTY * OPERATION *		FULL OF WATER * kg			
4 DESIGN & TEST DATA				NOZZLE & CONNECTIONS			
5 CODE REQUIRED: ASME SECT.VIII DIV.1(NO STAMP)		MARK		NO		SIZE	
OPERATING		22.3 barG		A		1 3"	
DESIGN		25.0 barG		B		1 3"	
EMER. VAC. DESIGN		FV		D1		2 2"	
HYDROSTATIC TEST		barG		D2		2 2"	
PNEUMATIC TEST		barG		V		2 2"	
11 TEMPERATURE: OPERATING		50.0 (°C)					
DESIGN		120 (°C)					
13 CORROSION ALLOWANCE: SHELL & HEADS		3.0 mm					
INTERNALS		0.0 mm					
15 TYPE OF HEAD:		FLAT					
16 STRESS RELIEVING:							
17 X-RAY :							
18 JOINT EFFICIENCY (%):							
19 MATERIALS				FILTERING			
20 SHELL & HEADS		SA106 Gr.B				LUBE OIL LIQUID	
21 SUPPORT SADDLES BRACKETS		C.S					
22 INTERNALS		C.S		LIQUID		DESIGN FLOW 240 LPM	
23 NOZZLE NECKS		C.S				DENSITY 887 kg/m3	
24 (EXT.) A193 B7 / A194 2H		SA105				VISCOSITY 2.2 Cp	
25 GASKETS / ORING		VITON				MOLECULAR WEIGHT -	
26 BOLTS & NUTS (INT.)		-				TEMPERATURE 80~ 50 (°C)	
27						PRESSURE 22.3 barG	
28				SOLID		FLOW RATE TRACE kg/hr	
29						DENSITY - kg/m3	
30						SIZE - µm	
31 ACCESSORIES				SOLID SEPARATION			
32				PARTIAL SEPARATION		10 µm 95 %	
33 LIFTING LUG , EARTH LUG , NAME PL, COVER DA				EFFICIENCY		µm %	
34 EQUALIZING VALVE LOCKABLE TYPE						µm %	
35 INSULATION : NO		mm		ELEMENT		TYPE CARTRIDGE	
36 FIRE PROOFING: NO						PRESS. DROP CLEAN/DIRTY <0.25(*) / < 1.0 bar	
37						MATERIAL S.S.304	
38						BORE DIAMETER * µm	
39						PARTICLE TO BE REMOVED 10 µm 95 %wt	
40						NO. OF CARTRIDGES 2 m2	
41				OPENING AREA * 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.							
46							
47							
48 Please add following items:							
49 -number of filter elements cartridges in one stack							
50 -Please specify elements can be washable							
51 -Please specify mesh sizes							
52 -Please specify minimum collapsing differential pressure							
53							
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SKETCH

Refer to comments on filter DWG

