



DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT



DOCUMENT TITLE: Propylene Filter Dryer Data Sheet

POI: IFA

Contract No.: DPIC/98-12

DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0084

Rev. No.: D2

DOCUMENT TITLE:

**Propylene Filter Dryer Data Sheet
(F-PK6101-2)**

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PURCHASER'S COMMENT/APPROVAL STATUS					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-0084-D2
Date: XX.XX.XX Signature:					
D2	01.Feb..22	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
D1	18.Dec..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
D0	28.Nov..21	R.Goudarzi	DR.A.Nejati	DR.A.Nejati	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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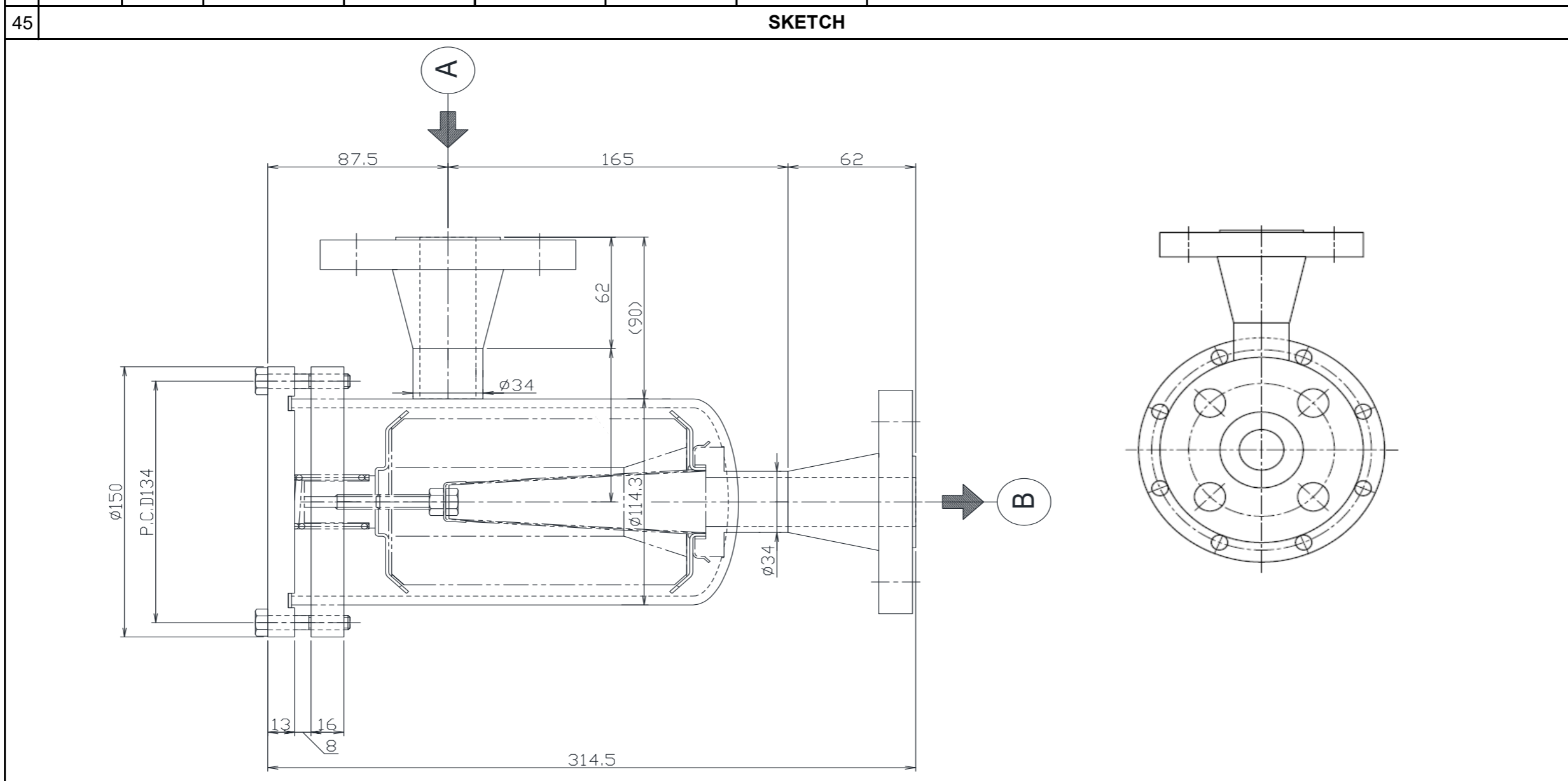
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 	DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT	 شرکت صنایع پتروشیمی گachsaran Parsian Petrochemical Industry Co. گسخت صنایع پتروشیمی دهشت (داسای ماه)
	DOCUMENT TITLE: Propylene Filter Dryer Data Sheet	
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FILTER DRYER								
1	SERVICE	PROPYLENE FILTER/ DRYER			ITEM NO.	F-PK6101-2		
2	TYPE	HORIZONTAL			QUANTITY :	1		
3	SHELL ID :	4" -SCH 40	TL.TL. :	195	mm	CAPACITY	SHELL : 0.0017 m ³	
4	JACKET ID :	-	TL.TL. :	-	mm	JACKET:	- m ³	
5	WEIGHT	EMPTY: 23.5	OPERATING: 24.33	kg	INSTALLATION:	OUTDOOR		
6	DESIGN & TEST DATA				MATERIALS			
7	SHELL		JACKET		SHELL	JACKET		
8	CODE & STD	ASME SECT.VIII (NO STAMP)			SHELL	SA 333 GR.6		
9	FLUID	PROPYLENE			CAP	A420 WPL6		
10	TEMPERATURE	DESIGN	-45/135	°C	-	°C	GIRTH FLG	-
11		OPERATING	48.4	°C	-	°C	NOZZLE NECKS	SA 333 GR.6
12	PRESSURE	DESIGN	23.0	BarG	-	BarG	NOZZLE FLANGE	SA 350 LF2 CL.1
13		OPERATING	18.9	BarG	-	BarG	INTERNALS	S.S. 304
14		VACUUM	1.013	BarA	-	BarG	INT PIPES	-
15	DENSITY @PT	467	kg/m ³	-	kg/m ³	BOLTS / NUTS	NZL FLG	-
16	VISCOSITY @PT	0.067	cP	-	cP		GIRTH FLG	-
17	CORROSION ALLOW.	3.0	mm	-	mm		INT	-
18	VAC DESIGN	NO	-	-	-		EXT	A193Gr.B7/A194Gr.2H
19	TEST	HYDRO	30	BarG	-	BarG	NZL FLG	PTFE
20		PNUEM LEAK	-	BarG	-	BarG	GIRTH FLG	-
21		VACUUM	0.02	BarG	-	-	INT	-
22	POST WELD HEAT TREAT	AS PER CODE			-	-	LEG/PADS	-
23	RADIOGRAPHIC EXAM. (CYL/HD)	FULL			-	-	CLIPS/PADS	-
24	JOINT EFF (CYL/HD)	1.0			-	-	ANCHOR BOLT	-
25	WELDER'S QUALIF				-	-	LIFTING LUG/PAD	-
26	SEISMIC COEF	N/A			-	-	BLIND FLANGE	A516 GR.70
27	WIND LOAD	N/A			-	-		
28	TYPE OF HEAD	CAP / FLAT			-	-		
29	INSULATION (THK,AREA)	NO	-	mm	REMARKS:			
30	SURFACE PREP EXT/INT	ST3/ -			1- FILTER SHOUL BE FILLED WITH MOLECLAR SIEVE FOR DRYING PROPYLENE.			
31	FIRE PROOFING	N/A			2- THE FILTER IS NOT DESIGNED FOR CATCHING DIRT BUT IS AS ALREADY INDICATED MOLECULAR SIEVE. FOR THIS REASON NO PRESSURE DROP IS TO BE CONSIDER.			
32	PAINTING	AS PER PROJECT SPEC.			3- WATER CONTENT: IN INLET: ??? (to be specified by CLIENT) IN OUTLET: <1 ppm			
33	ACCESS. & SPL PARTS	-			4- PROPYLENE FLOW RATE IS 1.0 ~ 1.2 m3/h (JAST FOR STARTING UP THE PACKAGE.			
34		COALESCER: 2 STAGES						
35								
36								
37	SPARE PARTS							
38	TOLERANCE							
39	NOZZELS & OPENINGS (per one shell)							
40	MARK	NO.	SIZE	FLANGE			SERVICE	
41				RATING	TYPE	FACE		
42	A	1	1"	ASME 300#	WN	RF	INLET	
43	B	1	1"	ASME 300#	WN	RF	OUTLET	
44	M	1	OD: 150 mm	-	-	-	COVEER	



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