
	DEHDASHT PETROCHEMICAL INDUSTRY COMPANY DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT	
	DOCUMENT TITLE: Liquid Receiver Data Sheet	POI: IFA
Contract No.: DPIC/98-12	DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0081	Rev. No.: D0

Equipment title shall be same in all documents. (PFD, PID, DSH,...) Discrepancy to be removed.


DOCUMENT TITLE:

Liquid Receiver Data Sheet

Please add tag number here

calculation, DWG and data sheet shall be sent together in order to check compatibility

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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)				
✘	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-0081-D0
Date:		12.12.2021	Signature:		
					
D0	17.Nov..21	A.VOSOUGH	DR.A.NEJATI	DR.A.NEJATI	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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Rev. No.: D0

Page	Rev-D0	Rev-D1	Rev-D2	Rev-D3	Rev-D4
1	x				
2	x				
3	x				
4	x				
5					
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7					
8					
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Page	Rev-D0	Rev-D1	Rev-D2	Rev-D3	Rev-D4
36					
37					
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ID to be specified.		VESSEL				Discrepancy with PID. Volume in PID is 11.3m3.				
1	SERVICE	LIQUID RECEIVER			ITEM NO.	D-PK-6101-2				
2	TYPE	HORIZONTAL			QUANTITY :	1				
3	SHELL OD :	36" (914)	TL.TL.:	4000 mm	CAPACITY	SHELL :	2.8 m ³			
4	JACKET ID :	-	TL.TL.:	- mm	JACKET:	-				
5	WEIGHT:	EMPTY:	OPERATING:	kg	INSTALLATION:	OUTDOOR				
6	DESIGN & TEST DATA				MATERIALS					
7	SHELL				JACKET					
8	CODE & STD	ASME SECT			SHELL	SA-516 GR70N				
9	FLUID	PROPYLENE			JACKET	SA-516 GR70N				
10	TEMPERATURE	DESIGN	-45/120 °C	Design temperature of both sides shall be saturate temperature corresponding to design pressure which is equal to 125C+10C. Please recheck.	FLANGE	-				
11		OPERATING	48.5 °C		WELDS	SA-333 Gr6 <small>please specify ASTM no.</small>				
12	PRESSURE	DESIGN	23.0 BarG	INTERNAL	FLANGE	SA-350 LF2				
13		OPERATING	18.6 BarG		INT PIPES	S.S. 304				
14		VACUUM	1.013 BarG		INT PIPES	S.S. 304				
15	DENSITY @PT	461 kg/m ³	-	kg/m ³	DLTS / NUTS	NZL FLG				
16	VISCOSITY @PT	0.06 cP	-	cP	GASKET	GIRTH FLG				
17	CORROSION ALLOW.	3 mm	-	mm	INT	-				
18					EXT	A193Gr.B7/A194Gr.2H				
19	HYDRO	BarG	-	BarG	NZL FLG	SPIRAL WOUND				
20	LEAK	BarG	-	BarG	GIRTH FLG	-				
21	VACUUM	-	-	-	INT	-				
22	POST WELD HEAT TREAT				SADDEL/PADS	SA-516 GR70				
23	RADIOGRAPHIC EXAM. (CYL/HD)	FULL/FULL			CLIPS/PADS	-				
24	JOINT EFF (CYL/HD)				ANCHOR BOLT	A36				
25	WELDER'S QUALIF				LIFTING LUG/PAD	SA-516 GR70N				
26	SEISMIC COEF	AS PER SPEC.			BLIND FLANGE	SA-350 LF2				
27	WIND LOAD	AS PER SPEC.								
28	TYPE OF HEAD	ELLIP. 2:1								
29	INSULATION (THK,AREA)	COLD	50	mm	REMARKS:					
30	SURFACE PREP EXT/INT	- / -								
31	FIRE PROOFING	NO								
32	PAINTING	YES								
33	ACCESS. & SPL PARTS	LIFT LUG, NAME PL								
34		EARTH LUG								
35										
36	SPARE PARTS									
37	TOLERANCE									
38										
39	FLANGES & OPENINGS (per one shell)									
40	MARK	NOMINAL DIA.	NO.	RATING	TYPE	FACE	WALL THK	SERVICE	ELEV.	NOTES
41	A1	6"	1	ASME 300#	WN	RF		PROPYLENE INLET		
42	A2	2"	1	ASME 300#	WN	RF		EQUALIZATION LINE		
43	B	8"	1	ASME 300#	WN	RF		PROPYLENE OUTLET		
44	D	2"	1	ASME 300#	WN	RF		DRAIN		
45	LG1,2	2"	2	ASME 300#	WN	RF		LEVEL GAUGE		
46	LT1,2	2"	2	ASME 300#	WN	RF		LEVEL TRANSMITTER		
47	M	18"	1	ASME 300#	WN	RF		MANHOLE		
48	PT	2"	1	ASME 300#	WN	RF		PRESSURE TRANSMITTER		
49	SP	2"	1	ASME 300#	WN	RF		SPARE WITH BLIND		
50	SV	4"	1	ASME 300#	WN	RF		SAFETY VALVE		
51	TI	1 1/2"	1	ASME 300#	WN	RF		TEMPERATURE GAUGE		
52										
53										
54										
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56										
57	T= TOP HEAD			S= SHELL			B= BOTTOM HEAD			

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