

	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.: D2

DOCUMENT TITLE:

**Liquid Receiver Data Sheet
(D-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
<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				Vendor Doc. No.: DPIC9812-000-VD-1002-ME-DS-0081-D2
	Date:	07.03.2022	Signature:	A.AB	
					
D2	30.Jan..22	R.GOUDARZI	DR.A.NEJATI	DR.A.NEJATI	
D1	23.Dec..21	R.GOUDARZI	DR.A.NEJATI	DR.A.NEJATI	
D0	17.Nov..21	A.VOSOUGH	DR.A.NEJATI	DR.A.NEJATI	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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VESSEL										
1	SERVICE	LIQUID RECEIVER			ITEM NO.	D-PK-6101-2				
2	TYPE	HORIZONTAL			QUANTITY :	1				
3	SHELL ID / OD :	36" / 910			TL.TL.: 4000 mm	CAPACITY	SHELL :	2.7 m ³		
4	JACKET ID :	-			TL.TL.: - mm	JACKET:	-			
5	WEIGHT:	EMPTY:	OPERATING:		kg	INSTALLATION:	OUTDOOR			
6	DESIGN & TEST DATA				MATERIALS					
7		SHELL		JACKET		SHELL		JACKET		
8	CODE & STD	ASME SECT.VIII (NO STAMP)			SHELL/PADS	SA-516 GR70N		-		
9	FLUID	PROPYLENE			-	HEAD	SA-516 GR70N			
10	TEMPERATURE	DESIGN	-45/135 °C	-	°C	GIRTH FLG/CV	-			
11		OPERATING	48.4 °C	-	°C	NOZZLE NECKS	SA-333 Gr6			
12	PRESSURE	DESIGN	23.0 BarG	-	BarG	NOZZLE FLANGE	SA-350 LF2			
13		OPERATING	18.9 BarG	-	BarG	INTERNALS	-			
14		VACUUM	1.013 BarA	-	BarG	INT PIPES	S.S. 304			
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 mm		-	mm		INT	-		
18				-			EXT	A193Gr.B7/A194Gr.2H		
19	TEST	HYDRO	30 BarG	-	BarG	GASKET	NZL FLG	SPIRAL WOUND		
20		PNUEM LEAK	-	BarG	-		BarG	GIRTH FLG	-	
21		VACUUM	0.02 BarG					INT	-	
22	POST WELD HEAT TREAT	AS PER CODE			SADDEL/PADS	SA-516 GR70N		-		
23	RADIOGRAPHIC EXAM. (CYL/HD)	SPOT / SPOT			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	100 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										
37	SPARE PARTS									
38	TOLERANCE									
39	NOZZELS & OPENINGS (per one shell)									
40	MARK	NOMINAL DIA.	NO.	FLANGE			WALL THK	SERVICE	ELEV.	NOTES
41				RATING	TYPE	FACE				
42	A1	8"	1	ASME 300#	WN	RF		PROPYLENE INLET		
43	A2	2"	1	ASME 300#	WN	RF		EQUALIZATION LINE		
44	A3	2"	1	ASME 300#	WN	RF		PURGE/CHARGE		
45	B	8"	1	ASME 300#	WN	RF		PROPYLENE OUTLET		
46	D	2"	1	ASME 300#	WN	RF		DRAIN		
	LG1,2	2"	2	ASME 300#	WN	RF		LEVEL GAUGE		deleted
	LT1,2	2"	2	ASME 300#	WN	RF		LEVEL TRANSMITTER		Type of LT to be specified (Displacer for levels with range in below of 2000mm)
49	M	20"	1	ASME 300#	WN	RF		MANHOLE		
50	PT	1 1/2"	1	ASME 300#	WN	RF		PRESSURE TRANSMITTE		
51	SV	4"	1	ASME 300#	WN	RF		SAFETY VALVE		
52	TI	1 1/2"	1	ASME 300#	WN	RF		TEMPERATURE GAUGE		
53										
54										
55										
56										
57	T= TOP HEAD			S= SHELL			B= BOTTOM HEAD			

Discrepancy with vendor DWG

36" / 910

To be noted it will be finalized after PSV calculation.

Based on last revision of PID LG has not been deleted please clarify

Type of LT to be specified (Displacer for levels with range in below of 2000mm)

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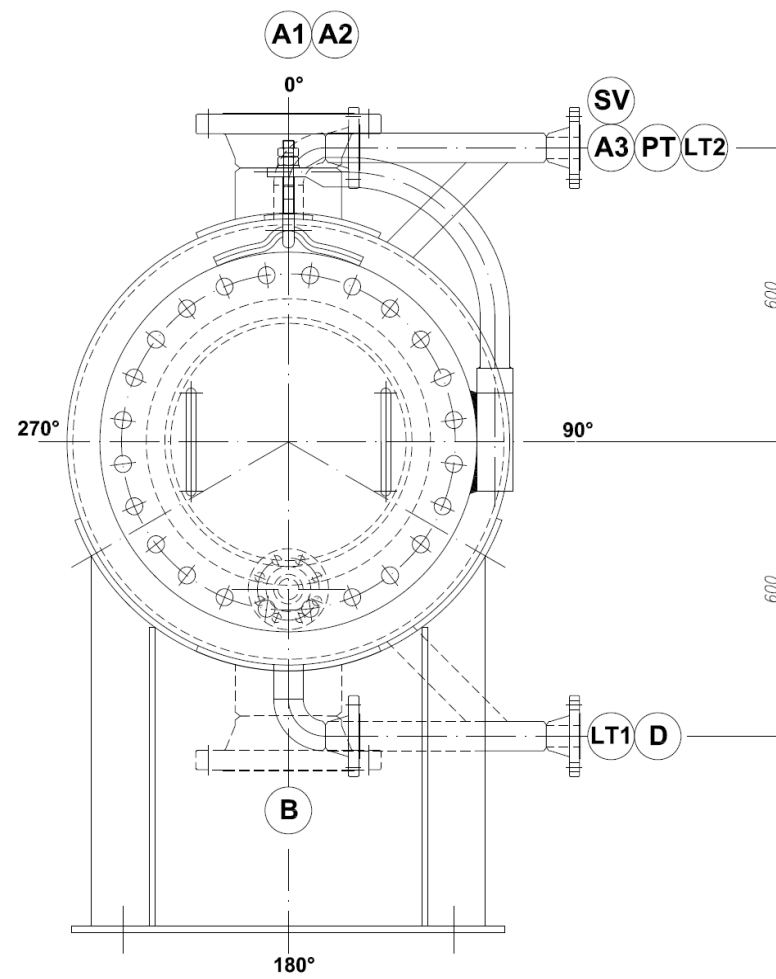
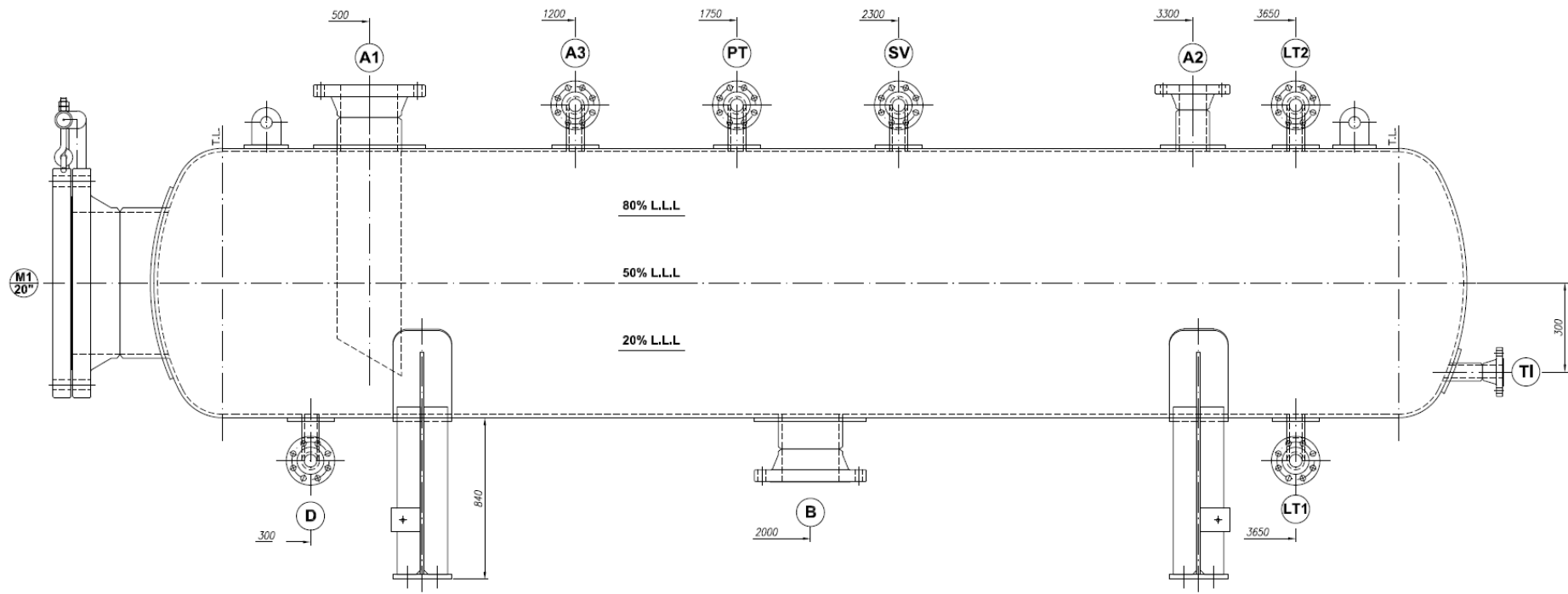
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SKETCH



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