



DEHDASHT PETROCHEMICAL INDUSTRY COMPANY
DEHDASHT HIGH DENSITY POLYETHYLENE PROJECT



DOCUMENT TITLE: K.O. Drum Data Sheet

POI: IFA

Contract No.: DPIC/98-12

DOCUMENT NUMBER: DPIC9812-000-VD-1002-ME-DS-0082

Rev. No.: D1

DOCUMENT TITLE:

**K.O. Drum Data Sheet
(D-PK6101-3)**

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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-0082-D1
Date: XX.XX.XX		Signature:			
D1	20.Dec..21	R.GOUDARZI	DR.A.NEJATI	DR.A.NEJATI	
D0	19.Nov..21	A.VOSOUGH	DR.A.NEJATI	DR.A.NEJATI	
REV	DATE ISSUE	PREPARED	CHECKED	APPROVED	



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VESSEL										
1	SERVICE	K.O. DRUM			ITEM NO.	D-PK-6101-3				
2	TYPE	VERTICAL			QUANTITY :	1				
3	SHELL OD :	1800	TL.TL.:	2800	CAPACITY	SHELL :	7.78 m ³			
4	JACKET ID :	-	TL.TL.:	-		JACKET:	-	m ³		
5	WEIGHT:	EMPTY:	OPERATING:		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	-24.0	°C	-	°C	NOZZLE NECKS	SA-333 Gr6	-	
12	PRESSURE	DESIGN	23.0	BarG	-	BarG	NOZZLE FLANGE	SA-350 LF2	-	
13		OPERATING	1.6	BarG	-	BarG	INTERNALS	S.S. 304	-	
14	VACUUM	1.013	BarA	-	BarG	INT PIPES	S.S. 304	-		
15	DENSITY @PT	5.8	kg/m ³	-	kg/m ³	BOLTS / NUTS	NZL FLG	-		
16	VISCOSITY @PT	0.007	cP	-	cP		GIRTH FLG	-		
17	CORROSION ALLOW.	3	mm	-	mm		INT	-		
18						EXT	A193Gr.B7/A194Gr.2H	-		
19	TEST	HYDRO	34.5	BarG	-	BarG	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 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	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	10"	1	ASME 300#	WN	RF		PRORYLENE INLET		
43	A2	8"	1	ASME 300#	WN	RF		START-UP BYPASS INLET		
44	B	12"	1	ASME 300#	WN	RF		PRORYLENE OUTLET		
45	D	2"	1	ASME 300#	WN	RF		DRAIN		
46	LG1,2	2"	2	ASME 300#	WN	RF		LEVEL GAUGE		
47	LT1,2	2"	2	ASME 300#	WN	RF		LEVEL TRANSMITTER		
48	M1	20"	1	ASME 300#	WN	RF		MANHOLE		
49	M2	6"	1	ASME 300#	WN	RF		INSEPTION HOLE		
51	SV	2"	1	ASME 300#	WN	RF		SAFETY VALVE		
52	TI	1/12"	1	ASME 300#	WN	RF		TEMPERATURE GAUGE		
53	V	2"	1	ASME 300#	WN	RF		VENT		
54										
55										
56										
57										
57	T= TOP HEAD		S= SHELL				B= BOTTOM HEAD			

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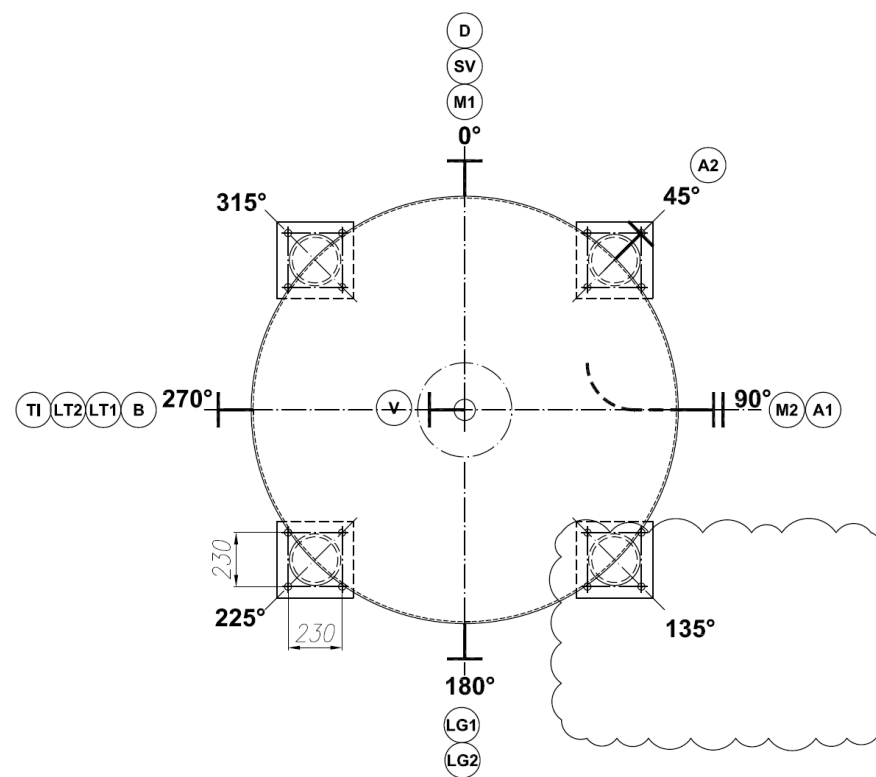
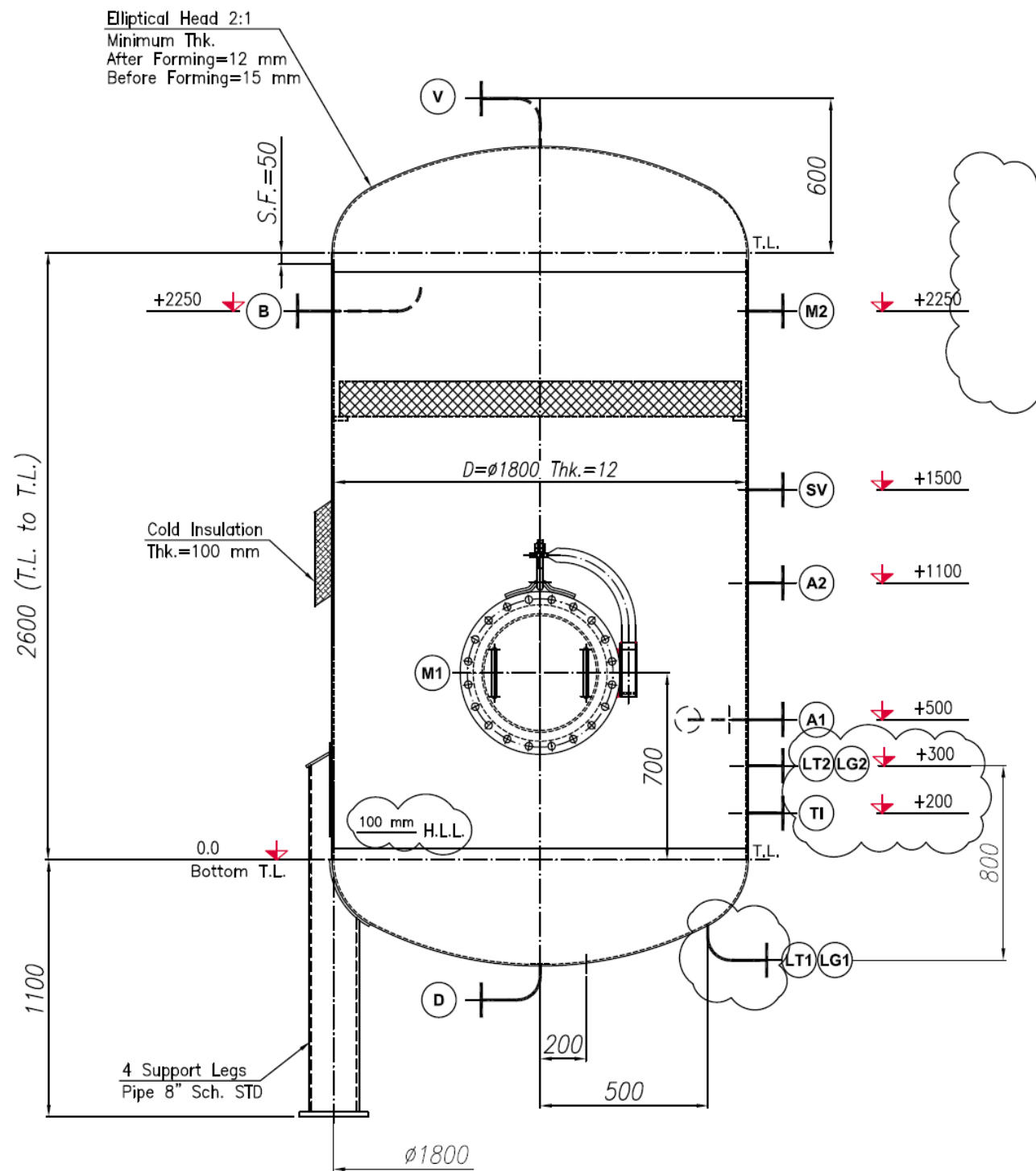
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SKETCH



Nozzle Orientation Plan
HOLD

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