

DESIGN DATA

DESIGN CODE	DESIGN DATA
ASME CODE STAMP	ASME SEC.VIII DIV.1-ED 2010 ADD 2011
MANUFACTURER'S SERIAL NO.	NOT APPLICABLE
INSPECTION BY	002 & 003
INT. DESIGN	TP1
OPERATING (INT/EXT)	INT. DESIGN
PRESSURE (BAR/PSI)	40 (BAR)/580 (PSI)
HYDROSTATIC TEST	40 (BAR)/580 (PSI) AT 45°C MAX.
DESIGN	40 AT 70°C
OPERATING	40
HYDROSTATIC TEST	45 MAX.
FLUID HANDLED	AIR
CORROSION ALLOWANCE	1.5 (WATER CAPACITY)
CAPACITY	FULL - RT
RADIOGRAPHIC EXAMINATION	1
JOINT EFFICIENCY	NO/SEE NOTE - 25
POST WELD HEAT TREATMENT	-NIL-
IMPACT TESTING	NO
LETAL SERVICE AS PER UW-2	NOT APPLICABLE
ADDITIONAL LOAD ON NOZZLES	REF. TO UW-22 LOADING
INSULATION THICKNESS	NIL
LOCATION	CHENNAI
QTY.	TWO
NATIONAL BOARD REGISTRATION	NO
EMPTY WEIGHT	11120 Kgs
OPERATING WEIGHT	12120 Kgs
HYDROTEST WEIGHT	26520 Kgs

LIST OF APPLICABLE CODES/STANDARD/SPECIFICATIONS

SR.NO.	DESCRIPTION
1	ASME SEC.VIII DIV.1-ED 2010 ADD 2011
2	ASME SEC.IV PART C & D-ED 2010 ADD 2011
3	ASME SEC.IV PART C & D-ED 2010 ADD 2011
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NOTES:-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. ALL FLANGE BOLT HOLES TO STRADDLE WITH VESSEL CENTER LINES.
3. WELDING OF ALL PRESSURE PARTS SHALL BE FULL PENETRATION.
4. THE INDICATED THICKNESSES ARE THE MINIMUM ACCEPTABLE AFTER CONSTRUCTION.
5. PROTECT ALL MACHINED SURFACES AND TREADS CONNECTIONS WITH RUST PREVENTIVE IMMEDIATELY AFTER MACHINING.
6. I.D. OF WELD NECK FLANGE SHALL MATCH WITH CORRESPONDING I.D. OF NOZZLE PIPE.
7. PRESSURE RELIEF DEVICE TO BE INSTALLED ON ISOLATION VALVE BY THE USER AS PER UG-125.
8. o) FOR NOZZLES ON SHELL, PROJECTIONS ARE REFERRED FROM VESSEL CENTER LINE TO FLANGE CONTACT FACE.
9. b) FOR NOZZLES ON DENDS, PROJECTIONS ARE REFERRED FROM T.L. TO FLANGE CONTACT FACE.
10. ALL SHARP CORNERS ARE TO BE ROUNDED OFF TO MIN. 3mm RADII.
11. FLANGE DIMENSIONS SHALL BE AS PER ASME B16.5.
12. -----
13. -----
14. ALL MATERIALS SHALL CONFORM TO ASME SEC.IV PART-A, ED 2010 ADD 2011.
15. PPE TO FLANGE JOINT SHALL BE 100% RADIOGRAPHED.
16. DISMALAR THICKNESS SHALL BE ALIGNED WITH MINIMUM 1.3 TAPER.
17. MATERIAL TO BE PURCHASED AS PER APPLICABLE T.O.C.
18. SURFACE FINISH FOR FLANGES GASKET FACE SHALL BE 3.2 TO 6.3 um.
19. ALL NOZZLE R.F. PANS WELDS SHALL BE PNEUMATICALLY TESTED WITH AIR AT 100 kgf/cm<sup>2</sup> BY USING SOAP SOLUTION.
20. -----
21. -----
22. PLATE MATERIAL USED FOR PRESSURE PARTS SHALL BE IN NORMALISED CONDITION.
23. FORMS SHALL BE IN UNMAINTAINED CONDITION.
24. -----
25. BEFORE WELDING THE PLATFORM & OTHER PARTS DIRECTLY TO BE WELDED TO VESSEL, AND SKIRT TO BOTTOM OSSED, THE SURFACE TO BE PREPARED TO 150°C AND WELDED.
26. SLOPE SUPPORTS SHALL BE CUT LEAVING WEAR PLATES IN PLACE.
27. BILL OF MATERIALS OF PART NOS.38 TO 57 SHOWN ONLY FOR ADDITIONAL SKIRT AND NOZZLE.

PAINTING	PAINTING
ALL EXTERNAL	TWO COATS RED OXIDE
UNMACHINED SURFACE	PRIMER
MACHINED SURFACE	RUST PREVENTIVE OIL

58	EARTHING CUGI BL	Δ	2	8THK X 75 X 100	S 2602 E 250	0.55	0.7	
57	COVER PMSAO		3	0.90X X 15.0.	S 2602 E 250	Δ	-	-
56	COVER PLATEAO	Δ	1	0.47X X 3THK	S 2602 E 250	Δ	0.2	0.9
55	COVER PLATEAO	DELTA E 0551	1	1.07TH X 3THK X 2.62	S 2602 E 250	Δ	0.9	0.9
54	HANDLEAO		0	0.17TH X 2X31.0	S 2602 E 250	Δ	0.26	0.28
53	ACCESS OPENINGAO		1	1.02.05 X 1.01TH X 1.40.0.	S 2602 E 250	Δ	15.9	15.9
52	PAO FOR ACCESS OPENINGAO		1	0.02.90 X 0.70.78THK	S 2602 E 250	Δ	31.6	31.6
51	SKIRT VENTS - SW-13		3	0.214.3 X 0.22THK X 111.0.	S 2602 E 250	Δ	1.78	5.34
50	PAO FOR SLUVE PRE-EMIO		2	0.076TH 0.55THK	S 2602 E 250	Δ	18.6	33.2
49	STIFFENERS FOR DADO		6	6THK X 38X.61	S 2602 E 250	Δ	0.73	1.18
48	SLEEVE PIPE FOR DADOE 0082		2	1.02.30 X 1.01TH X 1.26.0.	S 2602 E 250	Δ	0.05	2.1
47	PIPE FOR DADOE 0082AO		2	0.0180X 0.07THK X 476.0.	S 2602 E 250	Δ	20.2	40.4