



- GENERAL NOTE :
- 1. ALL DIMENSIONS ARE IN MILLIMETERS.
 - 2. ALL DIMENSIONS TO BE INSIDE OF PLATEWORK UNO.
 - 3. ALL FLANGE TO ANSI B16.5 CLASS 150#, HOLES OFF CENTRELINE U.N.O.
 - 4. BUTT WELD SHALL BE QUALIFIED COMPLETE PENETRATION.
 - 5. GASKET MATERIAL :
 - A). SPESIAL FLANGE : NON ASBESTOS (13)
 - B). NOZZLE GASKET : SPIRAL WOUND (14.5)
 - FILLER : FLEXIBLE GRAPHITE
 - INNER RING : C.S
 - HOOP : 316 S.S
 - OUTER RING : C.S
 - 6. SURFACE PREPARATION & PAINTING TO SPEC'N ADIP-3655-2100-018-SFP-0003-2
 - 7. ALL WELD MUST CONFIRM TO API 650 LATEST EDITION.

Document / Drawing Review Status

- ☐ Proceed, no exception taken
- ☐ Proceed subject to incorporation of changes indicated. Revise & Re-Submit
- ☐ Do not proceed. Undertake changes noted and re-submit
- ☐ Review not required work may proceed

IMPORTANT
Acceptance with or without comments of vendor's drawing or documents shall not relieve the vendor from complying with all terms, conditions, codes, standard & requirements of order & specification. Re-submit when a revision is made to the drawing or document by the manufacture or by sub-sequent.

Sign: _____ By: _____ Date: _____

DESIGN DATA					
CODE		API 650 13th EDITION, 2020	NO. OF UNIT	1 UNIT	
CODE STAMP		NO			
REGULATION		DISNAKER (APPROVAL DOC. ONLY)	CLASS OF TANK	-	
PRESSURE kPa.G	DESIGN	ATM	WEIGHT KG	FABRICATION	37790
	OPERAT.	-		EMPTY	37790
TEMP.	DESIGN	48		OPERATING	633613
	OPERAT.	AMB		TEST (SHOP)	648508
TEST PRESSURE kPa.G	HYDRO. (SHOP)	FULL OF WATER			
	PNEUM. (mm)	-	SG. CONTENT	1.4	
CORROSION ALLOWANCE (mm)		3	LIVE VOLUME (m³)	567	
RADIOGRAPHY		SPOT	WIND DESIGN CODE	ASCE 7-10	
JOINT EFFICIENCY		0.8 / 0.75	SEISMIC DESIGN CODE	ASCE 7	
POST WELD HEAT TREATMENT		NO	WIND SPEED (m/s)	40	
FLUID NAME		-	SOUR SERVICE	NO	
M.D.M.T. °C		0	PAINTING SPEC.	AS PER SPEC.	
OUTER PAINT		YES (NOTE 6)			
INTERNAL PAINT		YES			
INSULATION (mm)		N/A			
FIRE PROOFING (mm)		N/A			

MATERIAL SPECIFICATIONS			
SHELL		ASTM A36	
REINF. PAD		ASTM A36	
BOTTOM PLATE		ASTM A36	
STANDARD NOZZLE FLANGE		ASTM A105	
NOZZLE NECK	PIPE	ASTM A106 Gr.B	
	FORGING	-	
BOLT/NUT	EXTERNAL	A193 Gr.B7 / A194 Gr.2H	
	INTERNAL	-	
GASKET		NOTE 5	
INTERNAL PART	FIXED	ASTM A36	
	REMOVABLE	ASTM A36	
ANCHOR BOLT/NUT		A307 Gr.B (HDG)	
NAME PLATE/BRAKET		316 S.S / A36	
EARTHING LUG		304 S.S	

NOZZLE LIST						
NOZZLE MARK	REQ'D NO.	NOM. SIZE	SCH. NO.	FLANGE RATING	SERVICE	REMARKS
N1A	1	400x600	16	-	INLET	SEE DWG. W/DOWNCOMER PIPE
N1B	1	400x600	16	-	INLET	SEE DWG. W/DOWNCOMER PIPE
N2	1	400x600	16	-	OUTLET	SEE DWG. W/LAUNDER
N3	1	8"	SCH.80	ANSI 150# S.O.R.F	DRAIN	4662/SEE DWG. W/CLEAN OUT DOOR
N4	1	6"	SCH.80	ANSI 150# S.O.R.F	OVERFLOW	4510 W/OVERFLOW SPOOL
MH1	1	24"	18	API 650 STD	MANHOLE	4462 W/BLIND & DAVIT

REV	DATE	DESCRIPTION	DRN	CKD	DESIGN ENG	LEAD ENG	PROJ APP	CLIENT APP
C	28/01/26	ISSUED FOR APPROVAL						
B	03/11/25	ISSUED FOR APPROVAL						
A	15/10/25	ISSUED FOR APPROVAL						

DRG NUMBER	TITLE
E2502-000-DWG-712	DETAIL OF ANCHOR BOLT & CHAIR
E2502-000-DWG-711	DETAIL OF NAME PLATE
E2502-000-DWG-710	DETAIL OF EXTERNAL SUPPORT
E2502-000-DWG-709	DETAIL OF INTERNAL SUPPORT PIPE
E2502-000-DWG-708	DETAIL OF INTERNAL BAFFLE
E2502-000-DWG-707	DETAIL OF NOZZLE 3/3
E2502-000-DWG-706	DETAIL OF NOZZLE 2/3
E2502-000-DWG-705	DETAIL OF NOZZLE 1/3
E2502-000-DWG-704	DETAIL OF MANHOLE
E2502-000-DWG-703	DETAIL OF BOTTOM SUPPORT
E2502-000-DWG-702	DETAIL OF BODY & SUPPORT
E2502-000-DWG-701	GENERAL ARRANGEMENT



	NAME	DATE
DRAWN	INKO	15/10/25
CHECKED	-	-
DESIGN ENG	-	-
LEAD ENG	-	-
PROJ APP'D	-	-
CLIENT	-	-



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TITLE
POB0Y0 2000 TPD EXPANSION PROJECT
PROCESS PLANT AREA
ADSORPTION TANK 06 (4430-TK-107)
GENERAL ARRANGEMENT

PLOT SCALE
AS-SHOWN

NEITHER THIS DOCUMENT NOR ITS CONTENTS MAY BE USED OR REPRODUCED IN ANY MANNER WITHOUT WRITTEN AUTHORIZATION.				THIRD ANGLE PROJECTION AT SHEET	
CLIENT NUM					
PROJ NUM		SHT:			
MARK NUM		DRG NUM		1 OF 1	
		E2502-000-DWG-701		REV C	