

VESSEL / TANK DATA SHEET																
DESIGN DATA		DESCRIPTION	17'-3" O.D. x 48'-0" HIGH		No. REQ'D	01	CAPACITY	2000 BBL		APPROX. WT: EMPTY	34393 LBS					
		DESIGN PRESSURE	18 oz.		INTERNAL	0.5 oz.		EXTERNAL (VACUUM)	FULL OF WATER 734394 LBS							
		OPERATING PRESSURE	ATMOSPHERIC		INTERNAL	ATMOSPHERIC		EXTERNAL (VACUUM)								
		TEST PRESSURE	27 oz.		TEST TEMPERATURE	AMBIENT										
		DESIGN TEMPERATURE	-20 °F TO 100 °F													
		JOINT EFFICIENCY	SHELL 0.7		HEAD	N/A		CONE	N/A							
		CORROSION ALLOWANCE	SHELL NIL		ROOF	NIL		BOTTOM	NIL		NOZZLES	NIL				
		CODE & STAMP	API-650 9TH EDITION (MODIFIED) ; STAMP- N/A													
		CUSTOMER SPECIFICATIONS	NONE													
		EXTERNAL LOADINGS	ROOF		Ss=1.7 : Sr=0.1	kPa	WIND	0.43 kPa		SEISMIC	NIL					
		ROOF TO SHELL BACKWELDED	NO													
		SPECIFIC GRAVITY	1.0													
		SERVICE	PROCESS TANK													
		P.W.H.T.	NONE													
		MATERIALS		SHELL	A-36 OR EQ.											
HEAD(S)	N/A															
CONE(S)	N/A															
BOTTOM	A-36 OR EQ.															
ROOF	A-36 OR EQ.															
NOZZLE	NECK			A-106-B / A-312-TP-304		FLANGE	A-105 / A-182-F-304		COVER	A-36 OR EQ.						
MANWAY	NECK			A-36 OR EQ.		FLANGE	A-36 OR EQ.									
REINFORCING PADS	A-36 OR EQ.															
PIPING	A-106-B / A-53-B / A-312-TP-304															
COUPLINGS	A-182-F-304															
FITTINGS	A-234-WPB / A-403-WPS-304															
BOLTING	BOLT			EXT.: GR.2 ; INT.: 304 S.S		STUD	N/A		NUTS	EXTERNAL: GR.2 ; INTERNAL: 304 S.S						
GASKETS	NOZZLES			COMP. ASB.		MANWAY	NEOPRENE		THIEF HATCH	NEOPRENE						
STRUCTURAL	G40.21-44W / 304 S.S.															
ELECTRODES	PER GLM STANDARD WELD PROCEDURES															
CONSTRUCTION		FOUNDATION	BASE SKID (SUPPLIED BY G.L.M. ON ORDER 99-133, WELDED TO ANCHORS BY OTHERS IN FIELD)													
		CATHODIC PROTECTION	NONE													
		LADDERS & PLATFORMS	G.L.M. STD LADDER w/ FULL CAGE & (2) INTERMEDIATE PLATFORMS													
		MISCELLANEOUS	-ALL SHELL NOZZLES TO STRADDLE VERTICAL CENTERLINES													
			-ALL ROOF NOZZLES TO STRADDLE NOZZLE RADIAL CENTERLINE													
			-OPEN CONNECTIONS SHALL BE PROVIDED WITH TEMPORARY SHIPPING BLINDS													
			-LIFTING LUGS ARE FOR LIFTING EMPTY TANK ONLY													
			-SHOP TRIAL FIT ALL APPURTENANCES PRIOR TO PAINTING/COATING OPERATION													
			-SHOP TO LOCATE LIFTING LUGS, TAILING LUGS AND INSULATION STANDOFFS (IF REQUIRED)													
			-THIS TANK HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF API-2000.													
			-HEAT COIL DESIGN DATA:													
			A. HEAT COIL IS TO BE DESIGNED & FABRICATED IN ACCORDANCE WITH ASME CODE B31.3													
			B. DESIGN PRESSURE= 150 PSIG (1034 kPa)													
		C. DESIGN TEMPERATURE= 366 °F (186 °C)														
		D. HYDROTEST PRESSURE= 225 PSIG (1551 kPa)														
E. SERVICE= STEAM																
QUALITY ASSURANCE		Q.A. MANUAL MILL CERTIFICATIONS WELDERS WELDING	GLM QUALITY MANUAL													
			NOT REQ'D													
			QUALIFIED PER ASME SECTION IX													
			PER ASME SECTION IX													
		NONDESTRUCTIVE TESTING	COIL BUTTWELDS ARE TO RECEIVE 5% SPOT RADIOGRAPHY													
			NONE													
		SPECIAL TESTING														
			SHELL	AIR/SOAP FILM LEAK TEST TO 11.5 oz. (20IN H2O)												
			ROOF	N/A												
		BOTTOM	N/A													
		PAINTING & COATING DATA		DESCRIPTION												
SMR #																
(INT. USE ONLY)																
EXTERIOR OF SHELL & ROOF TO RECEIVE:																
-BRUSH BLAST (SSPC SP7) USING SIL 7																
-1) COAT SHOP PRIMER																
-2" THK FIBREGLASS INSULATION c/w ALUMINUM																
CLADDING (CORRUGATED)																
EXTERIOR OF NOZZLES & APPURTENANCES TO RECEIVE:																
-BRUSH BLAST (SSPC SP7) USING SIL 7																
-1) COAT SHOP PRIMER																
-1) COAT ALKYD ENAMEL (COLOUR: W9 WHITE)																
EXTERIOR OF BOTTOM TO RECEIVE:																
-NIL																
CERTIFIED FOR CONSTRUCTION				INTERIOR OF SHELL, BOTTOM, ROOF TO RECEIVE:												
		-WHITE METAL BLAST (SSPC SP5) USING SIL 7														
		-(12-15) MILS DFT DEVOLVE 253														
		EXTERIOR OF INTERNAL PIPING FOR N9 A/D & N10														
		TO RECEIVE:														
		-WHITE METAL BLAST (SSPC SP5) USING SIL 7														
		-(12-15) MILS DFT DEVOLVE 253														
		EXTERIOR OF INTERNAL PIPING FOR N6 A/B, N7 A/B, N8 A/B, N11 A/B, & C1 A/G TO RECEIVE:														
		-NIL														
		REMOVABLE STRUCTURAL PIECES INSIDE TANK TO RECEIVE:														
		-NIL														
		G.L.M. Tanks & Equipment Ltd.		BY _____												
DATE _____																
ANY CHANGES AFTER THIS DATE MAY CAUSE SIGNIFICANT DELAYS AND/OR ADDITIONAL COSTS TO THE PROJECT.																