

DATE	SYM	REVISION	RECORD	AUTH.	DR.	CK.

OPERATING DATA

DESIGN PRESSURE (TANK)	60 P.S.I.G. - FULL VACUUM
TEST PRESSURE	90 P.S.I.G.
DESIGN TEMPERATURE	150° F
DESIGN PRESSURE (JACKET)	

MATERIALS

CYLINDRICAL SHELL	SA-240-316 SS
FORMED HEADS	SA-240-316 SS (ASME HEADS)
NOZZLE FLANGES	SA-312 T.P. 316 SS
PIPES	SA-240-316 SS SCH. 40
MANHOLE	SA-240-316 SS
JACKET	
JACKET COUPLINGS	
STUD BOLTS	

CONSTRUCTION DETAILS

WELDING SEAMS	FUSION ARC PROCESS
ALL FLANGES	150 LB. ANSI - SLIP ON
DESIGN AND FABRICATION	ASME CODE SECTION VIII DIV. I
WEIGHT OF CONTENTS	
HYDROSTATIC TEST	PER ASME CODE
INSPECTION	PER ASME CODE

NOZZLE LIST

POS.	QNTY.	SIZE	SERVICE
A	1	2"	LEVEL INDICATOR
B	1	16"	MANHOLE C.S. CLAD, SEE DETAIL-1A"
C	1	4"	SIGHT GLASS
D	1	1 1/2"	FILL LINE
E	1	4"	SPARE (FUTURE SIGHT GLASS)
F	1	2"	RUPTURE DISC.
G	1	1 1/2"	VACUUM OR NITROGEN
H	1	1"	PRESSURE INDICATOR
J	1	1 1/2"	DRAIN

GENERAL NOTES

- ALL WELDING TO BE FULL, CONTINUOUS, FREE FROM SLAG, POROSITY, UNDERCUTS & OTHER DEFECTS.
- EQUIPMENT TO BE FABRICATED FROM A MIN. NO. OF PIECES.
- ALL WELDING TO BE DONE BY THE ELEC. ARC PROCESS USING ASME APPROVED ELECTRODES OF THE SAME COMPOSITION AS THE BARE METAL.
- DO NOT SAND BLAST STAINLESS STEEL.
- ALL INTERNAL FINISH INCLUDING WELDS, NOZZLES & FLANGES SHALL BE NO. 4 POLISH FINISH.
- EXTERNAL FINISH SHALL BE NO. 1 MILL WITH ALL WELDS WIRE BRUSHED.
- ALL CARBON STEEL TO BE SANDBLAST CLEANED AND PRIMED WITH MOEIL 13R-50 PRIMER
- ALL INTERIOR SURFACES TO BE PASSIVATED.
- ALL BOLT HOLES TO STRADDLE & UNLESS OTHERWISE NOTED.
- SIGHT GLASS TO BE BLACK DIAMOND BDL 4" OR ERNST FIG. 212-53 OR EQUAL.

TOLERANCES (EXCEPT AS NOTED)	M & M WELDING & FAB. CO.		
DECIMAL	AS NOTED	SCALE	DRAWN BY L.P.
FRACTIONAL			
ANGULAR	DATE	DRAWING NUMBER	LP-119

