

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS
 Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by MASTER TANK & WELDING, PETERSBURG, VIRGINIA
 2. Manufactured for Bottled Gas Corp. of Va. - Richmond, Va.
 3. Type Horizontal Vessel No. (S/O 425) (Mfrs. Serial) (State & State No.) Natl. Bd. No. 9033 Yr. Built 1976
 4. SHELL: Matl. SA-612-B T.S. 81,000 Nom. Thk. 7090 In. Corr. Allow. 0 In. Diam. 9 Ft. 6 In. OD Length 61 Ft. 4 In.
 5. SEAMS: Long Welded DBL Butt H.T. No X.R. Complete Sectioned No Efficiency 100 %
 (Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
 Circ Welded DBL Butt H.T. No X.R. Spot Sectioned Yes No. of Courses 6
 6. HEADS: (a) Material SA-455-1 T.S. _____ (b) Material SA-455-1 T.S. _____
 Location (Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter Side to Pressure (Convex or Concave)
 (a) Ends .4564 _____ _____ _____ _____ _____ _____ 57" _____ Concave
 (b) Ends .4564 _____ _____ _____ _____ _____ _____ 57" _____ Concave
 If removable, bolts used _____ Other fastening _____
 (Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

If riveted or brazed describe seams fully under remarks.

7. Constructed for max. allowable working press. 250 psi at max. temp. 110 °F. Min. temp. (when less than -20°) _____ °F. Test Hydrostatic Press. 375 psi
 8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Shell

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Liquid Conn.	1	3"	1/2 Coup.	SA-105	3000#	Self	Welded
Liquid In & Out	1	2"	Full Coup.	"	"	"	"
Vapor	1	2"	"	"	"	"	"
Plug	1	2"	1/2 Coup.	"	"	"	"
Relief	3	2"	"	"	"	"	"
85% Pressure	2	1/4"	Full Coup.	"	6000#	"	"
Roto Gauge	1	1"	1/2 Coup.	"	3000#	"	"
Magnatron	1	2 1/2"	"	"	"	"	"
Thermo-well	1	3/4"	Pipe	SA-53-B	Sched. 80	"	"

10. INSPECTION OPENINGS: Manholes, No. _____ Size _____ Location _____
 Handholes, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt _____ Lugs _____ Legs _____ Other _____ Attached _____
 (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 30,000 Gal. L.P. Propane Storage Tank
Head (a) #9802 - Welded double butt
Head (b) #9801 - Welded single butt with back up bar
 (Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.-State Contents, If Postweld heat-treated. List other internal or external pressures with coincident temperature when applicable.)

We certify that the statements made in this report are correct and that all details of design, material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.
 Date 2-10 19 76 Signed Master Tank & Welding (Manufacturer)

Certificate of Authorization No. 11,092 Expires 7-9-77
 By James Plummer

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY: MASTER TANK & WELDING AT PETERSBURG, VIRGINIA
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of MASSACHUSETTS and employed by COMMERCIAL UNION INSURANCE COMPANY, have inspected the pressure vessel described in this manufacturer's data report on 2-10 19 76, and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable sections of the ASME Boiler and Pressure Vessel Code.
 By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure vessel described in this manufacturer's data report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.
 Date 2-10 19 76
 The Original Master Data Sheet, Signed by Inspector: _____ Commissions Va. 88 - NB 5241
 Signature _____ Natl. Board or State and No.