

FORM U-1A MANUFACTURERS' DATA REPORT FOR UNFIRED PRESSURE VESSELS

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

1. Manufactured by American Car and Foundry Division, Milton, Pennsylvania  
(Name and address of Manufacturer)

2. Manufactured for Harold Bater, Inc., Box 112, Broomall, Pennsylvania  
(Name and address of Purchaser)

3. Type Horiz. Vessel No. (44-62075-3) (Mfrs. Serial) (State & State No.)  
(Horiz. or Vert.) Natl. Bd. No. 21248 Yr. Built 1966

4. SHELL: Mat. SA-212 Gr. B T.S. 70000 FB Nom. 15/16 Corr. 10-1/8  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) Thk. In. Allow. In. Diam. 10 Ft. In. Length 56 Ft. In.

5. SEAMS: Long F.W. D.B. H.T. Yes X.R. Compl. Sectioned No Efficiency 100 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)  
Girth F.W. D.B. H.T. Yes X.R. Compl. Sectioned No No. of Courses 5

If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SA-212 Gr. B T.S. 70000 FB (b) Material SA-212 Gr. B T.S. 70000 FB

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) <u>End</u>	<u>15/32</u>					<u>65-1/16</u>		<u>Concave</u>
(b) <u>End</u>	<u>15/32</u>					<u>65-1/16</u>		<u>Concave</u>

If removable, bolts used \_\_\_\_\_ Other fastening \_\_\_\_\_  
(Material, Spec. No., T.S., Size, Number) (Describe or Attach Sketch)

7. Constructed for max. allowable working press. 250 psi. at max. temp. 650 °F. Min. temp. (when less than -20°) \_\_\_\_\_ °F. Hydrostatic Test Press. 400 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 4" Location Top of tank

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached

10. INSPECTION Manholes, No. 1 Size 18" Location Top of tank  
OPENINGS: Handholes, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_  
Threaded, No. \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

11. SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ Legs \_\_\_\_\_ Other Saddles Attached Welded to tank  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: Vessel fabricated under 1965 Code W-XR-HT for non-corrosive service (Propane)  
Manway Cover: SA-212 Gr. B 25" dia. x 2-1/4" thick x 22-3/4" bolt circle with additional openings: 1 - 3/4", 1 - 2.323", 1 - 3".  
Additional openings in tank: 1 - 3/4", 1 - 2.323", 1 - 3".

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents.  
1. If postweld heat-treated.  
2. 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 JAN 10 1966 19 \_\_\_\_\_ Signed ACF Industries, Incorporated By C. E. Snyder  
(Manufacturer)

Certificate of Authorization Expires No. 677 - December 31, 1967

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY American Car and Foundry Division, Milton, Pennsylvania

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of Pennsylvania and employed by Hartford Steam Boiler Insp. & Ins. Co of Hartford, Connecticut have inspected the pressure vessel described in this manufacturer's data report on JAN 10 1966 19 \_\_\_\_\_, 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 JAN 10 1966 19 \_\_\_\_\_  
Richard H. West Inspectors Signature Commissions NB 5161 Nat'l Board or State and No.