

36K

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

Manufactured by American Car and Foundry Division, Milton, Pennsylvania

Manufactured for Blackstone Valley Gas & Electric Co., 55 High St., Pawtucket, R.I.

Type Horiz. Vessel No. (34-0731-1) (Name and address of Purchaser) (Mfr. Serial) (State & State No.) Nat. Bd. No. 20845 Yr. Built 1961

SHELL: Mat. SA-212 Gr. B Nom. 12 Corr. 10-1/8 In. Dizm 10 Ft. In. Lgth 56 Ft. In. 2-3/16  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) (Spot or Complete) (Yes or No)

SEAMS: Long F.W. D.B. S.R. Yes XR Compl. Sectioned No Efficiency 100 %  
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

If riveted or brazed describe seams fully under remarks.

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

Location (Top, bottom, ends)	Thickness	Crown Radius	Knickle 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 \_\_\_\_\_

Constructed for Int. pressure of 250 psi Max Temp 650 °F Subzero \_\_\_\_\_ °F Hydrostatic Test 400 psi

SAFETY OR RELIEF VALVE OUTLETS: Number \_\_\_\_\_ Size \_\_\_\_\_ Location \_\_\_\_\_

NOZZLES:

Purpose (Inlet Outlet, Drain)	Number	Diam or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Manholes, No. <u>1</u>		Size <u>20"</u>	Location <u>Top of tank</u>				
Handholes, No. _____		Size _____	Location _____				
Threaded, No. _____		Size _____	Location _____				

SUPPORTS: Skirt \_\_\_\_\_ Lugs \_\_\_\_\_ (Number) \_\_\_\_\_ Legs \_\_\_\_\_ (Number) \_\_\_\_\_ Other \_\_\_\_\_ (Describe) \_\_\_\_\_ Attached \_\_\_\_\_ (Where & How)

REMARKS: Vessel fabricated under 1959 Code W-XR-SR for non-corrosive service propane.

Manway Cover: SA-212 Gr. B 27-1/2" dia. x 2-1/4" thick x 25" bolt circle, with additional openings 2 - 3/4", 1 - 1", 1 - 1-1/4", 3 - 2", - 2-5/16".

Additional openings in tank: 1 - 4".

Furnished by customer.  
(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc.—State Contents.)

I certify that the statements made in this report are correct and that all details of material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

MAY 19 1961 19 \_\_\_\_\_ Signed ACF Industries, Incorporated By C. E. Angles  
(Manufacturer)

Certificate of Authorization Expires No. 677 expires Dec. 31, 1961

CERTIFICATE OF SHOP INSPECTION  
HSB 20845

Inspection Agency's Serial No. \_\_\_\_\_  
VESSEL MADE BY ACF Industries, Incorporated at Milton, Pennsylvania

I, the undersigned, holding a Certificate of Competency as an Inspector of Boilers and Unfired Pressure Vessels in THE STATE OF PENNSYLVANIA and employed by HARTFORD STEAM BOILER INSPECTION AND INSURANCE COMPANY, HARTFORD, CONN., inspected internally and externally, the vessel described in this report on MAY 19 1961, 19\_\_\_\_, and certify that the statements made in this report are correct corresponding with mill test reports of materials furnished by the builders, and measurements made of the vessel and that this vessel is constructed in accordance with the ASME Code for Unfired Pressure Vessels.

Date MAY 19 1961, 19\_\_\_\_  
Inspector's Signature \_\_\_\_\_ Commissions N.B. 1746  
State or Nat'l Bd. & Number