

New England Gas

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. (34-0731-4) (Name and address of Purchaser) (Mfg. Serial) (State & State No.) Nat. Bd. No. 20847 Yr. Built 1961

SHELL: Matl. SA-212 Gr. B TS 70000 Nom. 10 In. Allow. 10-1/8 In. Diam. 10 Ft. In. Lgth 56 Ft. In. 2-3/16

SEAMS: Long F.W. D.B. S.R. Yes Yes X-R Compl. Sectioned No Efficiency 100 %

Girth F.W. D.B. S.R. Yes Yes X-R Compl. Sectioned No No. of Courses 5

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

Location (Top, Bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Semispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) End	15/32					65-1/16		Concave
(b) End	15/32					65-1/16		Concave

If removable, bolts used _____ Other fastening _____ (Describe or Attach Sketch)

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
INSPECTION Manholes, No. <u>1</u>		Size <u>20"</u>	Location <u>Top of tank</u>				
OPENINGS Handholes, No. _____		Size _____	Location _____				
Threaded, No. _____		Size _____	Location _____				

PORTS: Skirt _____ Lugs _____ Legs _____ Other _____ 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.

JUN 5 1961 19 _____ Signed ACF Industries, Incorporated By [Signature] (Manufacturer) No. 677 expires Dec. 31, 1961

Certificate of Authorization Expires _____

CERTIFICATE OF SHOP INSPECTION
Inspection Agency's Serial No. HSB 20847

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 JUN 5 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 JUN 5 1961, 19 _____

[Signature] _____ Commissions N.B. 1746
Inspector's Signature State or Nat'l Bd. & Number