



# TRANSTECH ENERGY

## 12,000-Gallon Storage Vessel Rocky Mount, NC

### VESSEL SPECIFICATIONS

Manufacturer	Year	Capacity (Liquid Gallons)	PSI (@ 125 °F max.)	Serial Number/ National Board Number
ACF	1962	12,000	250	34-0815-1 / 20981

The vessel listed is ASME certified and was manufactured by American Car and Foundry. It has a National Board number with a U-1A data sheet. Its shell sections and elliptical heads are constructed of SA-212 steel and are 9/16" thick. The vessel is 50.5-foot in length and 77" in diameter.



**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 Suburban Propane Gas Corp., Whippany, New Jersey  
(Name and address of Purchaser)

3. Type Horiz. Vessel No. 34-0815- (Mfr. Serial) (State & State No.) 2098/ Yr. Built 1962

4. SHELL: Matl. SA-212 Gr. B T.S. 70000 FB Nom. 7 In. Corr. 5-1/4 In. Diam. 6 Ft. Length 50 Ft. 5-1/2 In.  
(Kind and Spec. No. of Matl. (See U-1 or U-2) or F.B. & Spec. Min. T.S.)

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

6. HEADS: (a) Material SA-212 Gr. B T.S. 70000 (b) Material SA-212 Gr. B T.S. 70000  
(Top, bottom, ends) (Thickness) (Crown Radius) (Knuckle Radius) (Elliptical Ratio) (Conical Apex Angle) (Hemispherical Radius) (Flat Diameter) (Side to Pressure) (Convex or Concave)

(a) End 9/16 2:1 Concave  
 (b) End 9/16 2:1 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. 650 °F. Min. temp. (when less than -20°) \_\_\_\_\_ °F. Hydrostatic } Test Press. 400 psi.  
 Pneumatic or Combination }

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 2" Location Manway Cover

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 \_\_\_\_\_ (Yes or No) (Number) \_\_\_\_\_ Legs \_\_\_\_\_ (Number) \_\_\_\_\_ Other Saddles Attached Welded to tank  
(Describe) (Where & How)

12. REMARKS: Vessel fabricated under 1962 Code W-XR for non-corrosive service (Propane)  
Manway Cover SA-212 Gr. B 25" dia. x 2-1/4 x 22-3/4" dia. bolt circle.  
Additional openings: 1 - 3/4", 2 - 1-1/4", 1 - 2", 1 - 2-1/2".  
Additional openings in tank: 1 - 3/4", 1 - 1", 1 - 2"

(Brief description of purpose of the vessel as Air Tank, Water Tank, L.P.G., Etc.—State Contents. 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 material, construction, and workmanship of this vessel conform to the ASME Code for Unfired Pressure Vessels.

Date 11-1-62 19\_\_\_\_ Signed ACF Industries, Incorporated By [Signature]  
(Manufacturer)

Certificate of Authorization Expires No. 677 Dec. 31, 1964

**CERTIFICATE OF SHOP INSPECTION**

Inspection Agency's Serial No. HSB 2098/

VESSEL MADE BY American Car and Foundry Division 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 11-1-62, 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 11-1-62 19\_\_\_\_

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