

**FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS**  
 Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only  
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division I

1. Manufactured by AMF BEAIRD, INC., SHREVEPORT, LOUISIANA  
(Name and address of Manufacturer)

2. Manufactured for CITY OF COOKEVILLE, COOKEVILLE, TENNESSEE  
(Name and address of Purchaser)

3. Type Horiz. Vessel No. 199877-01-1 (Mfrs. Serial) (State & State No.)  
(Horiz. or Vert.) Natl. Bd. No. 92063 Yr. Built 1973

4. SHELL: Matl. SA-515-70 T.S. 70,000# Nom. 15/16 Corr. 6-3/4  
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min T.S.) Thk. In. Allow 0 In. Diam. 10 Ft. 10 In Length 36 Ft.    In.

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

If riveted or brazed describe seams fully under remarks.

6. HEADS: (a) Material SA-455-B T.S. 73,000# (b) Material See remarks  
Location (Top, bottom, ends) Thickness Crown Radius Knuckle Radius Elliptical Ratio Conical Apex Angle Hemispherical Radius Flat Diameter (Convex or Concave) Side to Pressure  
 (a) Ends .528" 65.0235" Concave  
 (b)            

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

7. Constructed for max. allowable working press. 250 psi at max. temp. 100 °F. Min. temp. (when less than -20°)    °F. Hydrostatic Test Press 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 1 Size 4" Location Top of tank in Manway Cover

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
(3) 2"	3000#	Half Cplgs.	(1) 2-1/2"	3000# Cplg.	F.S.		Welded
(1) 1"	6000#	Cplg.			F.S.		Welded
(1) 1" x 1/4"	3000#	Reducing Cplg.			SA-105-II		Welded
(1) 3/4"	Sch. 80	Seamless (Thermowell)			SA-106-B		Welded
(1) 4"		Drilled Hole					in Manway Cover

10. INSPECTION Manholes, No. 1 Size 18" Location 150# Pad Type SA-105-II  
 OPENINGS: Handholes, No.    Size    Location Top of tank  
 Threaded, No.    Size    Location   

11. SUPPORTS: Skirt    Lugs    Legs    Other (2) Saddles Attached Welded to tank  
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 130" I.D. x 47' 2-3/8" O.A. Length 29,995 W.G. Propane Storage Tank, per Dwg. Order 199877-01

\* Head seams spot X-rayed Joint Eff. 85%

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 Pressure Vessels, Section VIII, Division I 1971 Edition  
 Date 3-9 1973 Signed AMF BEAIRD, INC. By J.P.B. Beard  
(Manufacturer)

Certificate of Authorization No. 804 Expires December 31, 1974

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY AMF BEAIRD, INC. at SHREVEPORT, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province    and employed by EMPLOYERS COMMERCIAL UNION INSURANCE CO. of    have inspected the pressure vessel described in this manufacturer's data report on 3-9 1973 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 3-9 1973  
 Inspector's Signature [Signature] Commission No. N. B. COMM. 2660  
Natl. Board, State, Province and No.