

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

Alternate Form for Single Chamber Completely Shop-Fabricated Vessels Only

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

2. Manufactured for APPLIED ENGINEERING COMPANY, ORANGEBURG, SOUTH CAROLINA
(Name and address of Purchaser) SHIP TO CHARLESTON, S.C.

3. Type Horiz. Vessel No. 181742-01-14 (Mfrs. Serial) (State & State No.)
(Horiz. or Vert.) (State & State No.) Natl. Bd. No. _____ Yr. Built 1971

4. SHELL: Matl. SA-515-70 T.S. 70,000# Nom. 15/16 Corr. 0 In. Allow 0 In. Diam. 10 Ft. 10 In. Length 80 Ft. 5-1/4 In.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.)

5. SEAMS: Long Dbl. Butt H.T. No R.T. Complete Sectioned No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No)¹ (Spot or Complete) (Yes or No)
 Girth Dbl. Butt H.T. No R.T. Complete Sectioned No No. of Courses 11

If riveted or brazed describe seams fully under remarks.

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

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. 100 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Pneumatic or Combination } Test Press. 375 psi.
 Top of tank in _____

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 4-1/8" Location Manway Cover

9. NOZZLES:

Purpose (Inlet, Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	(1)	3/4"	6000# Cplg.			F.S.	Welded
	(1)	1"	(1) 2-1/2" 3000# Cplgs.			F.S.	Welded
	(1)	1/4" x 1"	3000# Reducing Cplg.			SA-105-II	Welded
	(1)	3/4"	Sch. 80 Seamless Pipe (Thermowell)			SA-106-B	Welded
	(1)	2"	(2) 3" 300# Drilled & Tapped Pad Type Flgs.			SA-515-70	Welded

10. INSPECTION Manholes, No. 1 Size 16" Location 150# Pad Type SA-181-II
 OPENINGS: Handholes, No. _____ Size _____ Location Top of tank in shell
 Threaded, No. _____ Size _____ Location _____

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

12. REMARKS: 130" I.D. x 91' 0-7/8" O.A. Length 60,248 W.G. Propane Storage Tank, per Beaird Dwg. Order 181742-01

* 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 pressure's 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. 1968 Edition Div. 1

Date 8-18 19 71 Signed AMF BEAIRD, INC. By J.P. Bamberg
(Manufacturer)

Certificate of Authorization 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 8-18 1971, 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 8-18 19 71 Commissions LA. COMM. 379
Inspector's Signature Nat'l Board or State and No.