

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 1

1. Manufactured by Riley Beaird, Inc., Shreveport, Louisiana
 2. Manufactured for Applied Engineering Company, Orangeburg, South Carolina
 3. Location of Installation _____
 4. Type Horiz. Tank 140436-01- 28 140436-01-F 51285 (Year Built) 1977
(Horiz. or vert. tank) (Mfg.'s Serial No.) (CRN) (Drawing No.) (Nat'l Bld. No.)
 5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1974 and Addenda to Winter 1976 and Code Case Nos. N/A
(Year) (Date)

* As Indicated in the Shop Inspector's Log.
 Special Service per UG-120(d) N/A

Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: N/A

6. Shell: Matl. SA-612 Nom. Thk. 13/16 in. Corr. Allow. 0 in. Diam. 10 ft. 10-1/4 in. Length 36 ft. 0-1/2 in.
(Spec. No., Grade) (Welded, Dbl., Sngl., Lap. Butt) (Spot or Full) (Spot, Partial, or Full)
 7. Seams: Long. Dbl. Butt R.T. Full Efficiency 100 % H.T. Temp. N/A F Time _____ hr.
(Welded, Dbl., Sngl., Lap. Butt) (Spot or Full) (Spot, Partial, or Full)
 Girth Dbl. Butt R.T. Full No. of Courses 5
(Welded, Dbl., Sngl., Lap. Butt) (Spot, Partial, or Full)

8. Heads: (a) Material SA-612 (b) Material _____
(Spec. No., Grade) (Spec. No., Grade)

Head Seams Spot X-Rayed Joint Eff. <u>85%</u>									
Location (Top, Bottom, Ends)	Min Thk	Corr Allow	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisp. Radius	Flat Diam	Side to Pressure (Convex or Concave)
Ends	1/2"	0"					65.1317"		Concave

If removable, bolts used (describe other fastenings) _____
(Material, Spec. No., Gr., Size, No.)

9. Constructed for max. allowable working pressure 250 psi at max. temp. 125 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic ~~pressure~~ test pressure 375 psi.

10. Safety Valve Outlets: Number _____ Size _____ Location _____

11. Nozzles and Inspection Openings: Mwy (1) 16" Pad SA-105 150# Welded Shell								
Purpose (Inlet, Outlet, Drain)	No	Diam or Size	Type	Matl	Nom Thk.	Reinforcement Matl	How Attached	Location
Vapor	(1)	2"	Spec. Pad	SA-516-70	300#		Welded	Shell
Inlet (1) 3" Outlet	(1) 3"	3"	Spec. Pad	SA-516-70	300#		Welded	Shell
Float Ga.	(1)	2-1/4"	Spec. Pad	SA-516-70	1-7/16"		Welded	Head
Rot. Ga.	(1)	1"	Cplg.	SA-105	3000#		Welded	Head
Fix Tube & Press. Ga.	(1) 1"	1 1/4" Red.	Cplg.	SA-105	3000#		Welded	Head
Thermowell	(1)	3/4"	Pipe Stub	SA-106-B	.154"		Welded	Head

12. Supports: Skirt No Lugs _____ Legs _____ Other _____ Attached _____
(Yes or no) (No) (No) (Describe) (Where and how)

13. Remarks: 130-1/4" I.D. X 46' - 9-7/8" C.A. Length 29,846 W.G. Propane Storage Tank.

CERTIFICATE OF COMPLIANCE

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 1.

Date 10-4-77 Signed RILEY BEAIRD, INC. by [Signature]
(Manufacturer) (Representative)

"U" Certificate of Authorization No. 11,840 expires March 12, 19 79

CERTIFICATE OF SHOP INSPECTION

Vessel made by RILEY BEAIRD, INC. at SHREVEPORT, LOUISIANA

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of _____ and employed by COMM. UNION INS. CO. OF BOSTON, MASS have inspected the pressure vessel described in this

Manufacturers' Data Report on 9/20, 19 77, and state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied concerning the pressure vessel described in the Manufacturers' 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.

Signed [Signature] Date 10/4/77 Commissions N. B. Comm. 8431
(Inspector) (Date) (Commission No.)