

**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 Section VIII - Division I and the National Board

1. Manufactured by RILEY BEARD, INC., SHREVEPORT, LOUISIANA  
 (Name and address of Manufacturer) FALK CORPORATION

2. Manufactured for MARSHALL W. NELSON & ASSO. INC. MILWAUKEE, WISCONSIN SHIP TO MILWAUKEE, WISC.  
 (Name and address of Purchaser)

3. Type Horiz. Vessel No. (101735-01-2) (Mfrs. Serial) (State & Std. No.) Nat'l Bd. No. 1091 Yr. Built 1973  
 (Horiz. or Vert.)

4. SHELL: Mat'l SA-612-B T.S. 81,000# Nom. Thk. 13/16 in. Allow. 0 in. Diam. 10 ft. 10-1/4 in. Length 36 ft. 0-1/2 in.  
 (Kind and Spec. No.) (Flg. or F. B. & Spec. Min. T.S.)

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

If riveted or brazed describe same fully under remarks.

\* 6. HEADS: (a) Material SA-612-A T.S. 83,000# (b) Material \_\_\_\_\_ T.S. \_\_\_\_\_

Location (Top, bottom, ends)	Thickness	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) <u>Ends</u>	<u>.46875"</u>					<u>65.1347"</u>		<u>Concave</u>
(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 Test Press. 375 psi.

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Top of tank

9. NOZZLES:

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
	<u>(5)</u>	<u>2" 3000#</u>	<u>Half Couplings</u>		<u>F.S.</u>		<u>Welded</u>
	<u>(1)</u>	<u>2-1/2" 3000#</u>	<u>Coupling</u>		<u>F.S.</u>		<u>Welded</u>
	<u>(1)</u>	<u>3/4" Sch. 80</u>	<u>Seamless Pipe (Thermowell)</u>	<u>SA-106-B</u>			<u>Welded</u>
	<u>(1)</u>	<u>1" x 1/4"</u>	<u>3000# Reducing Coupling</u>	<u>SA-105-II</u>			<u>Welded</u>
	<u>(2)</u>	<u>3" 6000#</u>	<u>Pad Type Couplings</u>	<u>SA-515-70</u>			<u>Welded</u>

10. INSPECTION Manholes, No. 1 Size 16" 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 \_\_\_\_\_ Attached \_\_\_\_\_  
 (Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 130-1/4" I.D. x 46' 9-1/2" O.A. Length 29,835 W.G. Propane Storage Tank, per Riley Beard Inc. Dwg. Order 101735-01  
\* Head seems spot X-rayed Joint Eff. 85%

(Brief description of purpose of the vessel, as Air Tank, After Cooler, Jacketed Cooler, etc. State contents.)  
 1 If Postweld Heat Treated 2 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 Unfired Pressure Vessels, Section VIII, Division I, 1971 Edition

Date 5-1 1973 Signed RILEY BEARD, INC. By [Signature]  
 (Manufacturer)

Certificate of Authorisation Expires March 12, 1976

**CERTIFICATE OF SHOP INSPECTION**

VESSEL MADE BY RILEY BEARD, 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 of Province of \_\_\_\_\_ and employed by COMMERCIAL UNION INSURANCE CO.

of \_\_\_\_\_ have inspected the pressure vessel described in this manufacturer's data report on 5-1 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 5-1 1973  
[Signature] Inspectors Signature  
 Commissions N. B. COMM. 2660  
 Nat'l Board, State, Province and No.