

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 Section VIII - Division I and the National Board

1. Manufactured by RILEY BEARD, INC., SHREVEPORT, LOUISIANA
(Name and address of Manufacturer) SHIP C/O DART INDUSTRIES, INC.
2. Manufactured for THE ORTLOFF CORPORATION, MIDLAND, TEXAS LA PORTE, TEXAS
(Name and address of Purchaser)
3. Type Horiz. Vessel No. 117738-01-2 Nat'l Bd No. 37611 Yr. Built 1975
4. SHELL: Matl SA515-70 TS 70,000# Nom 1-3/16 Corr 1/16
5. SEAMS: Long Dbl. Butt HT. No R T Complete Sectioned No Efficiency 100 %
If riveted or brazed describe seams fully under remarks

6. HEADS: (a) Material SA-515-70 TS 70,000# (b) Material TS
* 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) Ends .72" 70.7646" Concave
(b)
If removable, bolts used Other fastening

7. Constructed for max allowable working press: 275 psi at max. temp: 650 °F Min. temp. (when less than -20°)
Hydrostatic Test Press 435 psi

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

9. NOZZLES: (1) 1" 6000# Cplg. SA-105 Welded
(1) 1" 6000# Special Cplg. SA-105 Welded
Inlet (1) 4" 300# Weld Neck Flg. SA-105 W/SA-106-B 1-1/2" SA-515-70 Welded
Outlet (1) 6" 300# Weld Neck Flg. SA-105 W/SA-106-B 1-1/8" SA-515-70 Welded
Drain (1) 2" 300# Weld Neck Flg. SA-105 W/SA-106-B Welded
(2) 3" 300# Weld Neck Flgs. SA-105 W/SA-106-B 1-1/8" SA-515-70 Welded
(1) 4" 300# Weld Neck Flg. SA-105 W/SA-106-B 1-1/2" SA-515-70 Welded

10. INSPECTION OPENINGS: Manholes, No. 1 Size 18" Location Pad 1-1/4" Neck 1/2" SA-515-70
Handholes, No. Size Location Flg. 300# Weld Neck SA-105
Threaded, No. Size Location Bottom of tank in shell

11. SUPPORTS: Skirt Lugs Legs Other (2) Saddles Attached Welded to tank shell

12. REMARKS: 141-1/2" I.D. x 99' 6" O.A. Length 77,778 W.G. Monomer Storage Tank,
per Riley Beard, Inc. Dwg. Order No. 117738-01
* Head seams spot X-rayed Joint Eff. 85%

We certify that the statements made in this report are true 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, 1974 Edition

Date 8/21 1975 Signed RILEY BEARD, INC. By [Signature]
(Manufacturer)
Certificate of Authorization 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 Louisiana and employed by COMMERCIAL UNION INSURANCE CO.,
have inspected the pressure vessel described in this manufacturer's data report
on 8/21 1975 and state that to the best of my knowledge and belief, the manufacturer has constructed this pressure vessel in accordance with the applicable portions of the ASME Code and Pressure Vessel Code
By signing this certificate neither the Inspector nor the employer makes any warranty expressed or implied concerning the pressure vessel described in this manufacturer's data report. Any liability for the Inspector or his employer shall be held in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.