

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

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only

1. Manufactured by Trinity Steel Company, Inc., P. O. Box 1529, Rocky Mount, N. C.
(Name and address of the manufacturer)

2. Manufactured for Handel Petroleum Co., Waterford, Conn.
(Name and address of the purchaser)

3. Type Horiz. Vessel No. (274454) (Mfrs. Serial) (State & State No.) Nat'l. Bd. No. 23181 Yr. Built 1966
(Horiz. or Vert.)

4. SHELL: Mat'l. SA-212-B T.S. 70,000 Nom. Thk. .750 in. Allow. 0 in. Diam. 8 ft. 8 in. Length 71 ft. 1.875 in.
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) (Spot or Complete) (Yes or No)

5. SEAMS: Long D.B.Weld H.T. No X.R. Compl. Section No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)

Girth D.B.Weld H.T. No X.R. Compl. Sectioned No No. of Courses 7
(Yes or No) (Spot or Complete) (Yes or No)

6. HEADS: (a) Material SA-455-B T.S. 73,000 (b) Material SA-455-B T.S. 73,000

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) End	.420"					52" I.S.		Concave
(b) End	.420"					52" I.S.		Concave

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. 125 °F. Min. temp. (when less than -20°) _____ °F.
 Test Press. 375 psi.
(Describe or Attach Sketch) Hydrostatic Pneumatic or Combination

8. SAFETY OR RELIEF VALVE OUTLETS: Number 2 Size 3" 300# Mod location Manhole Cover

9. NOZZLES:

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
Liquid	1	3"	Cplg.	Steel	3000#		Welded
Float Ga.	1	2 1/2"	Cplg.	Steel	3000#		Welded
Fill & Vap.	2	1"	Cplg.	Steel	6000#		Welded
Therm.	1	1/2"	Pipe	SA-106-B	XX-Hvy		Welded
Vapor	2	2" NPT	In Manhole Cover				

10. INSPECTION Manholes, No. 1 Size 18" Location Shell Top Centerline

OPENINGS Handholes, No. _____ Size _____ Location _____
 Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt No Lugs _____ Legs _____ Other None Attached _____
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 104" I.D. 30,000 W.G. Bulk Storage Tank
Dwg. No. 59438-1

* Heads are Spot X-rayed & Stress Relieved Per Code.

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc. — State Content.)

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.
 Date September 23 1966 Signed Trinity Steel Company, Inc. By J. W. Honeygar
(Manufacturer)

Certificate of Authorization Expires December 31, 1967

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Trinity Steel Company, Inc. at Rocky Mount, N. C.

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of N. C. and employed by Mutual Boiler & Mach. Ins. Co. of Mass. have inspected the pressure vessel described in this manufacturer's data report on September 23 1966, 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 September 23 1966
J. J. Dusa Inspectors Signature NB 4161 Commissions Nat'l. Board or State and No.