

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

Alternate Form For Single Chamber Completely Shop Fabricated Vessels Only S/O R-

1. Manufactured by Trinity Industries, Inc. P.O. Box 1529, Rocky Mt. North Carolina
(Name and address of the manufacturer)

2. Manufactured for Gas Heat Engineering Corporation c/o J. P. Stevens & Co. Clemson, S. C.
(Name and address of the purchaser)

3. Type Horiz. Vessel No. (367154) (Mfr. Serial) Nat'l. Bd. No. 37468 Yr. Built 1969
(Horiz. or Vert.) (State & State No.)

4. SHELL: Mat'l. SA-515-70 F.Q. T.S. 70,000 Thk. .750 in. Allow. 0 in. Diam. 8 ft. 8 in. Length 71ft. 1.875
(Kind and Spec. No.) (Fig. or F.B. & Spec. Min. T.S.) (Nom.) (Corr.) (I.S. O.A.)

5. SEAMS: Long D.B. Weld HT X Complete Section No Efficiency 100 %
(Welded, Dbl., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
D.B. Weld & S.B. Weld W/
Girth B.U. Bar HT X Complete Sectioned No No. of Courses 7

If riveted or brazed describe seams fully under remarks.

* 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 pressure 250 psi. at max. temp. 125 °F. Min. temp. (when less than -20°) _____ °F. Test Pressure 375 psi.
Hydrostatic X Pneumatic X Other X

8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location Shell Top Centerline

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.	3	2"	Cplg.	Steel	3000#		Welded
P.G.&L.L.	2	1/4"	Cplg.	Steel	6000#		Welded
Therm	1	1/2"	Pipe	SA-106-B	XX-Hvy		Welded

10. INSPECTION Manholes, No. _____ Size _____ Location _____
OPENINGS Handholes, No. _____ Size _____ Location _____
Threaded, No. _____ Size _____ Location _____

11. SUPPORTS: Skirt No Lugs _____ Legs _____ Other _____ Attached _____
(Yes or No) (Number) (Number) (Describe) (Where & How)

12. REMARKS: 104" I.D. 30,000 W.G. Bulk Storage Tank
Dwg. No. SH0024

* Heads are spot x-rayed & postweld heat treated per code
(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., Etc. — State Content.)
! If postweld heat-treated.
! 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 May 29, 1969 Signed Trinity Industries, Inc. By Floyd H. Peoples
(Manufacturer)

Certificate of Authorization Expires December 31, 1970

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY Trinity Industries, Inc. at Rocky Mount, North Carolina

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State of North Carolina and employed by North Carolina Dept. Labor & Boiler Bureau of North Carolina have inspected the pressure vessel described in this manufacturer's data report on May 29, 1969 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 May 29, 1969
[Signature] Commission [Signature]