

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.

A-601978

1. Manufactured by TRINITY INDUSTRIES, INC. (Name and address of the manufacturer) AMARILLO, TEXAS
2. Manufactured for WATER, GAS & LIGHT COMMISSION CITY OF ALBANY ALBANY, GEORGIA
(Name and address of the purchaser)
3. Type HORIZ. Vessel No. (393945) (Mfrs. Serial) (State & State No.) Nat'l. Bd. No. 65384 Yr. Built 1973
4. SHELL: Mat'l. SA-512-B.T.S.81 000 Nom. Thk. 6733 in. Corr. Allow. 0 in. Diam. 9 ft. 0 in. Length 65 ft. 11.375 in.
(Kind and Spec. No.) (Fig. or P.B. & Spec. Min. T.S.)
5. SEAMS: Long DBL BUTT H.T. NO R.T. *COMP Section NO Efficiency 100 %
(Welded, Dol., Single, Lap, Butt) (Yes or No) (Spot or Complete) (Yes or No)
- Girth DBL BUTT H.T. NO R.T. COMP Sectioned NO No. of Courses 6
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) <u>END</u> | <u>.436"</u> | | | | | <u>54" I.S.</u> | | <u>CONCAVE</u> |
| (b) <u>END</u> | <u>.436"</u> | | | | | <u>54" I.S.</u> | | <u>CONCAVE</u> |
- If removable, bolts used _____ (Material, Spec. No., T.S., Size, Number) Other fastening _____ (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. Hydrostatic Test Press. 375 psi.
8. SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location SHELL TOP CTR LINE
9. NOZZLES:

Purpose, (Inlet Outlet, Drain)	Number	Diam. or Size	Type	Material	Thickness	Reinforcement Material	How Attached
LIC. OUT	1	3"	CPLG	F.S.	6000#		WELDED
LEV. GA	1	2.5"	CPLG	F.S.	3000#		WELDED
FILL VAPOR	3	2"	CPLG	F.S.	3000#		WELDED
THERMO	1	.5"	PIPE	C.S.	XXHVV		WELDED
IL & PG	1	.75"	CPLG	F.S.	6000#		WELDED

10. INSPECTION Manholes, No. 1 Size 18" Location SHELL TOP CTR LINE
- OPENINGS Handholes, No. _____ Size _____ Location _____
- Threaded, No. _____ Size _____ Location _____
11. SUPPORTS: Skirt NO Lugs (Number) _____ Legs (Number) _____ Other (Describe) _____ Attached (Where & How) _____
12. REMARKS: 108" Ø 30,000 W.G. (LPG) BULK STORAGE TANK PER DWG S-40349 TANK
USED IN NONCORROSIVE SERVICE

(Brief description of purpose of the vessel, as Air Tank, Water Tank, L.P.G., 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 Pressure Vessels, Section VIII, Division 1.

Date SEPT. 28 19 73 Signed TRINITY INDUSTRIES, INC. By Paul Cameron
(Manufacturer)

Certificate of Authorization Expires JAN. 7, 1974
HEADS ARE SPOT R.T.

CERTIFICATE OF SHOP INSPECTION

VESSEL MADE BY TRINITY INDUSTRIES, INC. at AMARILLO, TEXAS

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of TEXAS and employed by COMMERCIAL UNION INS. CO. of BOSTON, MASS. have inspected the pressure vessel described in this manufacturer's data report on SEPT. 28, 19 73, 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 SEPT. 28, 19 73

Paul K. Long
Inspector's Signature

Commissions

N.B.# 5912

Nat'l. Board, State, or Province and No.