

Tank # 7

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 Rules, Section VIII, Division 1

S/O A-602387

TRINITY INDUSTRIES, INC. AMARILLO, TEXAS
(Name and address of the manufacturer)

Ordered for NEW JERSEY PROPANE P.O. BOX 4 PRATT STA. BROOKLYN, NEW YORK 11205
(Name and address of the purchaser)

Type HORIZ. Vessel No. (394354) (Mfr. Serial) Nat'l. Bd. No. 67654 Yr. Built 1974

SHELL: Mat'l. SA-512-B T.S. 81000 Sp. Allow. 0 in. 1.5 in. 0 in. 9.6 in. 11.375 in.

SEAMS: Long DBL. RIFT H.T. NO R.T. *COMP Section NO Efficiency 100 %

If checked or stamped, this vessel meets ASME Code for Research

Over DBL. RIFT H.T. NO R.T. COMP Sectioned NO No. of Courses 6

HEADS: (a) Material SA-455-B T.S. 73000 (b) Material SA-455-B T.S. 73000

| Location (Top, Bottom, Neck) | Thickness | Crown Radius | Knuckle Radius | Elliptical Ratio | Conical Apex Angle | Horizontal Radius | Flat Diameter | Shape in Pressure (Concave or Convex) |
|------------------------------|--------------|--------------|----------------|------------------|--------------------|-------------------|---------------|---------------------------------------|
| (a) <u>END</u> | <u>4.375</u> | | | | | <u>54.2"</u> | | <u>CONCAVE</u> |
| (b) <u>END</u> | <u>4.375</u> | | | | | <u>54.2"</u> | | <u>CONCAVE</u> |

If reinforcement bolts used: (Material, Spec. No., Y.S., Size, Number) Other fastening (Material or Attach Method)

Constructed for max. allowable working press. 250 psi. at max. temp. 125 °F. Min. temp. (when less than -20°) _____ °F. Hydrostatic Pressure or Combination } Test Press. 375 psi

SAFETY OR RELIEF VALVE OUTLETS: Number 3 Size 2" Location SHELL TOP CTR. LINE

NOZZLES:

| Port Name (Inlet, Outlet) | Number | diam. or Size | Type | Material | Thickness | Reinforcement Material | How Attached |
|---------------------------|----------|---------------|-------------|------------------|--------------|------------------------|---------------|
| <u>LIG. OUT</u> | <u>2</u> | <u>3"</u> | <u>CPLG</u> | <u>SA-105-II</u> | <u>6000#</u> | | <u>WELDED</u> |
| <u>LEV. GA.</u> | <u>1</u> | <u>2.5"</u> | <u>CPLG</u> | <u>SA-105-II</u> | <u>3000#</u> | | <u>WELDED</u> |
| <u>FILL VAP.</u> | <u>5</u> | <u>2"</u> | <u>CPLG</u> | <u>SA-105-II</u> | <u>3000#</u> | | <u>WELDED</u> |
| <u>THERMO</u> | <u>1</u> | <u>.75"</u> | <u>CPLG</u> | <u>SA-105-II</u> | <u>6000#</u> | | <u>WELDED</u> |
| <u>L.L.P.C.</u> | <u>1</u> | <u>.75"</u> | <u>CPLG</u> | <u>SA-105-II</u> | <u>6000#</u> | | <u>WELDED</u> |
| <u>ROTARY</u> | <u>1</u> | <u>1"</u> | <u>CPLG</u> | <u>SA-105-II</u> | <u>3000#</u> | | <u>WELDED</u> |

INSPECTION Manholes, No. 1 Size 18" Location SHELL TOP CTR. LINE

OPENINGS Manholes, No. _____ Size _____ Location _____
Flanged, No. _____ Size _____ Location _____

SUPPORTS: Skirt NO Legs _____ (Material) _____ (Number) Other _____ (Location) Attached _____ (Notes & How)

REMARKS: 108" Ø 30000 W.G. LPG BULK STORAGE TANK PER DWG. #602387-1 TANK TO BE USED IN NON CORROSIIVE SERVICE
18" FLG IN HEAD S.B.W. W/BACK UP BAR AND COMPLETE RADIOGRAPH

(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 JANUARY 22 1974 Signed TRINITY INDUSTRIES INC. (Manufacturer)

Certificate of Authorization Expires JANUARY 7, 1977

* 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 under the State or Province of TEXAS and employed by COMMERCIAL UNION ASSURANCE CO.

of BOSTON, MASS. have inspected the pressure vessel described in this manufacturer's data report on JANUARY 22 1974 and state that to the best of my knowledge and belief, the manufacturer has constructed the 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 constructed 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.

JANUARY 22 1974

Inspector's Signature _____ Commission NAT'L BOARD #7458
Part. Board, State of _____

W. WALLACE