

FORM UTA-1 (MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS)

(Adapted from the ASME Code, Section VIII, Division 1)
 AS PREPARED BY THE UTA COMMITTEE OF THE ASME CODE RULES, SEATTLE, WASH., 1970

7-11111
 NO. 0011653

1. Manufactured by TRINITY INDUSTRIES, INC. 1001 NATHE ROAD WEST MEMPHIS, AR 72301

2. Manufactured for _____

3. Location of Installation AMERIGAS SEC DIV. CHORPUS CHRISTI, TX.

4. Type HORIA 112320 612854-1 (Year Built) 1979
(Vessel or Vessels) (ASME Serial No.) (CNR) (Design No.) (MFR'S No.)

5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1977 and Addenda, to 678 and Code Case Nos. _____
(Year) (Issue)

Special Service per UG-120(b) _____
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: HEADS A & B: 324-11 & 350-04

6. Shell: Max. SA-612-B 0.8 131.875 133 11.625
(Spec. No., Grade) (Nom. Thk.) (Corr. In. Allow.) (In. Diam.) (In. Lgh.)

7. Stems: Lang. DBL. BUTT R.T. FULL Efficiency 100 % H.T. Temp. _____ F. Time _____ Hr.
(Welded, DBL. Sngl. Ldb. Buttl) (Spot or Full)

8. Heads: Inl Material SA-612-A R.T. SPOT No. of Courses 18
(Spec. No., Grade) (Spot, Partial, or Full)

SRG. SEAMS: DBL. BUTT, R.T. SPOT; H.T.: HOT FORMED; EFF: 85%

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Haunch Radius	Ellipse Ratio	Conical Apex Angle	Horn diam. Radius	Flange Diam.	Side to Pressure (Convex or Concave)
hd. END	<u>456"</u>	<u>0"</u>					<u>65.9375"</u>		<u>CONCAVE</u>
hd. END	<u>456"</u>	<u>0"</u>					<u>65.9375"</u>		<u>CONCAVE</u>

If removable, bolts used describe other fastenings) _____

9. Constructed for max. allowable working pressure 250 psi at max. temp. 125° F. Min. temp. below less than -20 F) _____
 F. Hydrostatic, pneumatic, or combination test pressure 375 psi

10. Safety Valve Outlets: Number 1 Size 3" Location TOP CENTERLINE SHELL

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drains)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement % of	How Attached	Location
LIQUID	<u>1</u>	<u>6"</u>	<u>R.F.L.W.N.</u>	<u>SA-181-1</u>	<u>300#</u>	<u>SA-612-B</u>	<u>WELDED</u>	<u>SHELL</u>
LIQ.; VAP.	<u>2</u>	<u>4"</u>	<u>R.F.L.W.N.</u>	<u>SA-181-1</u>	<u>300#</u>		<u>WELDED</u>	<u>SHELL</u>
PAIR	<u>2</u>	<u>2"</u>	<u>CPLG.</u>	<u>SA-105</u>	<u>3000#</u>		<u>WELDED</u>	<u>HD. & SHELL</u>
LIQ.; VAP.	<u>2</u>	<u>.75"</u>	<u>CPLG.</u>	<u>SA-105</u>	<u>6000#</u>		<u>WELDED</u>	<u>SHELL</u>
MANWAY	<u>1</u>	<u>15"</u>	<u>PAD.TYP.FLG.</u>	<u>SA-105</u>	<u>250#</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>HEAD</u>
VAPOR	<u>1</u>	<u>2"</u>	<u>R.F.L.W.N.</u>	<u>SA-181-1</u>	<u>300#</u>		<u>WELDED</u>	<u>SHELL</u>

12. Supports: Skirt N Legs 1 Legs 0 Other SADDLES Attached GD. LUG WELDED TO HD.
(Yes or No) (No.) (No.) (Desc.) (Where and How)

13. Remarks: SADDLES WELDED TO SHELL
130" W - 89404 W.G. CO2 STORAGE TANK.
TANK TO BE USED IN NON CORROSIVE SERVICE.
* (10) SHELL 11.6125" THK. & (8) SHELL 11.25 M.M. THK.

Drawing No. _____ Approved By _____

CERTIFICATE OF COMPLIANCE

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 5-31-79 Signed TRINITY IND. INC. (Manufacturer) Glenn J. Smith (Representative)

"U" Certificate of Authorization No. 12,059 Expires DECEMBER 31, 1979

CERTIFICATE OF SHOP INSPECTION

Vessel made by TRINITY INDUSTRIES, INC. at WEST MEMPHIS

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 ARKANSAS and employed by COMMERCIAL UNION ASSOC. CO. have inspected the pressure vessel described in the Manufacturer's Data Report on 5/29/79 and states that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied concerning the pressure vessel described in the Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for an, personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Glenn J. Smith Date 6-19-79 Commissions _____
(Inspector) (TANK B) (ACK 650)