

FORM NO. 1 - MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(This form is to be filled out by the Manufacturer of the Pressure Vessel. It is to be submitted to the Inspector of the State or Province of the Manufacturer.)

0412058

1. Manufactured by **TRINITY INDUSTRIES, INC.** 1001 RAYNER ROAD WEST MEMPHIS, AR 72301
2. Manufactured for _____
3. Location of installation **AMERIGAS SEC DIVISION** **CORPUS CHRISTI, TX.**
4. Type **HORIZ** **112324** (Plate or Vess. No.) (Drawing No.) (Drawing No.) (Year Built) **1979**
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 **6778** (Date) and Code Case Nos. _____
6. Spec. Service per UG-120(d) _____
7. Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: **HEADS A & B: 350-03 & 324-19**
8. Shell: Mat. **SA-612-B** (Spec. No., Grade) Nom. Thk. **0.8** Cor. In. Allow. **0** In. Diam. **131.875** In. Lgh **133** Ft. **625** In.
9. Stems: Ling. **DBL BUTT** (Welded, Del. Sngl. Lap, Butt) R.T. **FULL** (Spot or Full) Efficiency **100** % H.T. Temp. _____ F. Time _____ hr.
10. Girth: **DBL BUTT** (Welded, Del. Sngl. Lap, Butt) R.T. **SPOT** (Spot, Partial, or Full) No. of Courses **18**
11. Heads: (a) Material **SA-612-A** (Spec. No., Grade) (b) Material **SA-612-A** (Spec. No., Grade)
12. SEG. SEAMS: **DBL BUTT** R.T. **SPOT** H.T. **HOT FORMED** EFF. **85%**
13. (Tab. Bottom, Endg) Min. Thk. **466"** Cor. Allow. **0"** Crown Radius _____ Knuckle Radius _____ Ellipse Ratio _____ Conical Apex Angle _____ Flare Radius _____ Flare Diam. _____ Side to Pressure (Convex or Concave) **CONCAVE**
14. (Material, Spec. No., Gr., Size, No.)
15. B. Constructed for max. allowable working pressure **250** psi at max. temp. **125°** F. Min. temp. below **-20 F.** F. Hydrostatic, pneumatic, or combination test pressure **375** psi.
16. Safety Valve Outlet: Number **1** Size **3"** Location **TOP CENTERLINE SHELL**
17. Nozzles and Injection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat.	Min. Thk.	Reinforcement Mat.	How Attached	Location
LIQUID	1	6"	R.F.L.W.N.	SA-181-1	300#	SA-612-B	WELDED	SHELL
LIQ. VAP.	2	4"	R.F.L.W.N.	SA-181-1	300#		WELDED	SHELL
SPARE	2	2"	CPIG	SA-105	3000#		WELDED	HD. & SHELL
LIQ. VAP.	2	.75"	CPIG	SA-105	6000#		WELDED	SHELL
MANWAY	1	15"	PAD TYP. PLG.	SA-105	250#	INHERENT	WELDED	HEAD
VAPOR	1	2"	R.F.L.W.N.	SA-181-1	300#		WELDED	SHELL

18. Supports: Skirt **NO** (Yes or No) Legs **2** (No.) Other **SADDLES** (Describe) Attached **GD. LUG WELDED TO HD.** (Where and How)
19. Remarks: **130" - 89404 W.G. CO2 STORAGE TANK. TANK TO BE USED IN NON CORROSIVE SERVICE. * (10) SHELL R. 8125" THK. & (8) SHELL R 25 M.M. THK.**

Drawing No.

Approved By

on

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 **6-13-79**

Signed **TRINITY IND. INC.**

J. Certificate of Author:

No. **12-059**

Expires **DECEMBER 31,**

19 **79**

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 employer by **COMMERCIAL UNION ASSOC. CO.** have inspected the

pressure vessel described in this Manufacturer's Data Report on **6-11** **1979**, and state 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 any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

Signed **Samuel M. Little** (Inspector)

Date **6/13/79** Commissions **NR#8767**

TANK A