



HAZARDOUS MATERIALS ATTACHMENT

Form UA1 Manufacturers Data Report for Pressure Vessel Date 03/13/1978

Teutopolis, Illinois

HWY23MH017

(2 pages)

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

- 1. Manufactured by MISSISSIPPI TANK COMPANY, INC. Hattiesburg, MS 39401
- 2. Manufactured for AMOCO OIL COMPANY, Chicago, IL
- 3. Location of Installation Chicago, IL
- 4. Type HORIZ. 80334 D-2111 7393 (Year Built) 1978
- 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 _____ and Code Case Nos. _____

Special Service per UG-120(d) _____
Manufacturers' Partial Data Reports properly identified and signed by Commissioned inspectors have been furnished the following items of the report: _____

- 6. Shell: Matl. SA517-E MIN. Corr. 0 In I. 85 in. Lgth. 30 ft. 11 in. T/T
- 7. Seams: Long. DBL. BUTT R.T. FULL Efficiency 100 % H.T. Temp. 1075 F Time 1 hr.
Girth DBL. BUTT R.T. FULL No. of Courses 4
- 8. Heads: (a) Material SA517-E (b) Material _____

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Open Radius	Knuckle Radius	Stress Ratio	Corrosion Allow. Angle	Minimum Radius	Full Depth	Note to Pressure (Concave or Convex)
(a) <u>ENDS</u>	<u>.25"</u>						<u>42.576"</u>	<u>I.R.</u>	<u>CONCAVE</u>
(b)									

- 9. Constructed for max. allowable working pressure 265 psi at max. temp. 150 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic, or combination test pressure 530 psi.
- 10. Safety Valve Outlets: Number 2 Size 3" Location TOP OF SHELL
- 11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
<u>RELIEF VA.</u>	<u>2</u>	<u>3"</u>	<u>CPLG.</u>	<u>SA517-E</u>	<u>1.5"</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>SHELL</u>
	<u>1</u>	<u>4"</u>	<u>FLG.</u>	<u>SA517-E</u>	<u>1.5"</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>SHELL</u>
	<u>4</u>	<u>1/4"</u>	<u>DRILLED & TAPPED IN 8" RECESSED WELL</u>					<u>*SHELL</u>
	<u>1</u>	<u>1 1/2" x 6"</u>	<u>T.W.</u>	<u>SA105</u>	<u>3000#</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>*SHELL</u>
	<u>1</u>	<u>1/4"</u>	<u>CPLG.</u>	<u>SA105</u>	<u>6000#</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>*SHELL</u>
	<u>1</u>	<u>1"</u>	<u>CPLG.</u>	<u>SA105</u>	<u>3000#</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>*SHELL</u>
	<u>2</u>	<u>2"</u>	<u>CPLG.</u>	<u>SA517-E</u>	<u>1.5"</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>SHELL</u>
	<u>2</u>	<u>3"</u>	<u>CPLG.</u>	<u>SA517-E</u>	<u>1.5"</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>SHELL</u>
	<u>1</u>	<u>16"</u>	<u>FLG.</u>	<u>SA517-E</u>	<u>1.5"</u>	<u>INHERENT</u>	<u>WELDED</u>	<u>HEAD</u>

- 12. Supports: Skirt NO Lugs _____ Legs _____ Other SUBFRAME Attached BOTTOM & WELDED
- 13. Remarks: 10,500 W.G. CAPACITY LPG/NH3 TRANSPORT VESSEL.
HEAD GORE SEAMS ARE DBL. BUTT WELDED AND FULLY RADIOGRAPHED.
VESSEL COMPLETELY POSTWELD HEAT TREATED.
*LOCATED IN 8" RECESSED WELL IN SHELL.

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 3/2/78 Signed MISS. TANK CO. by _____
"U" Certificate of Authorization No. 236 expires December 31, 1979

CERTIFICATE OF SHOP INSPECTION

Vessel made by MISSISSIPPI TANK CO., INC. at Hattiesburg, Mississippi

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 MS and employed by H.S.B.I. & I. CO. have inspected the pressure vessel described in this Manufacturers' Data Report on 3-13 19 78, 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 Manufacturers' 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 _____ Date 3-13-78 Commissioned _____