

FORM U-1A MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS
(Alternative 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 M&M Welding & Fabricating Co., Inc Rte 117 Coventry, R.I. 02816
 2. Manufactured for American Hoechst Corp 129 Quidnick Street Coventry, R.I. 02816
 3. Location of Installation Same
 4. Type Vert 537 LP 328 379 Year Built 1984
(Horiz. or vert. tank) (Mfr's Serial No.) (CRN) (Drawing No.) (Nat'l Bd. 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, 1983 (Year) and Addenda to 6/30/84 (Date) and Code Case Nos. _____ Special Service _____
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: _____

6. Shell: SA 240-TP 304L .375 .030 6'-0" 6'-0"
Matl (Spec. No., Grade) Nom Thk (in.) Corr Allow. (in.) Diam (ft. & in.) Length (overall) (ft. & in.)
 7. Seams: Wld'd Dbl Butt 70 Wld'd Dbl Butt 2
Long (Welded, Dbl., Sngl., Lap, Butt) R T (Spot or Full) Eff (%) H T Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R T (Spot, Partial, or Full) No of Courses
 8. Heads: (a) Matl. SA -240 TP 304L (b) Matl. Sa 240 TP 304L
(Spec. No., Grade) (Spec. No., Grade)

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	<u>top</u>	<u>.500</u>	<u>.030</u>	<u>72"</u>	<u>4.375</u>					<u>concave</u>
(b)	<u>Bottom</u>	<u>.500</u>	<u>.030</u>	<u>72"</u>	<u>4.375</u>					<u>concave</u>

If removable, bolts used (describe other fastenings) _____

(Matl. Spec No. Gr. Size, No.)

9. Const. for max. allow. working press. 90 psi at max. temp. 300 °F Min. temp (when less than -20°F) _____ °F.
 Hydro., pneu., or comb. test pressure hydro 135 psi.

10. Safety Valve Outlets: No. _____ Size _____ Location _____

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Matl	Nom Thk	Reinforcement Matl	How Attached	Location
<u>manhole</u>	<u>1</u>	<u>20"</u>		<u>SA240-304L</u>	<u>1"</u>	<u>not req'd</u>	<u>welded</u>	<u>top head</u>
<u>product</u>	<u>1</u>	<u>6"</u>	<u>flg'd</u>	<u>SA182-304L</u>	<u>150#</u>	<u>not req'd</u>	<u>welded</u>	<u>top head</u>
<u>sight glass</u>	<u>2</u>	<u>6"</u>	<u>style "B"</u>	<u>SA 240-304L</u>	<u>150#</u>	<u>not req'd</u>	<u>welded</u>	<u>top head</u>
<u>outlet</u>	<u>1</u>	<u>4"</u>	<u>flg'd</u>	<u>SA 182-304L</u>	<u>150#</u>	<u>not req'd</u>	<u>welded</u>	<u>bottom Hd</u>
<u>drain</u>	<u>1</u>	<u>1"</u>	<u>coup'lg</u>	<u>SA 312-304L</u>	<u>3000#</u>	<u>not req'd</u>	<u>welded</u>	<u>Bottom Hd</u>

12. Supports: Skirt NO Lugs _____ Legs 4 Other _____ Attached Bottom Head Welded
(Yes or no) (No) (No) (Describe) (Where and how)

13. Remarks: 1200 Gallon Receiver

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 10/1/84 Signed M&M Welding & Fab Co., Inc by William J. Vanden
(Manufacturer) (Representative)

"U" Certificate of Authorization No. 11,879 Expires April 30, 1985, 19 _____

CERTIFICATE OF SHOP INSPECTION

Vessel made by M&M Welding & Fabricating Co., Inc at Rte 117 Coventry, R.I. 02816

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 Rhode Island and employed by Dept of Labor Div of Occp. Safety

have inspected the pressure vessel described in this Manufacturer's Data Report on _____, 19 _____, 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 Romas J. Wickham Date 10/3/84 Commissions MB 10115 PA 3336
(Inspector) (Nat'l Board, State, Province and No.)