

FORM U-IA 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

- Manufactured by R.A.S. Welding & Fabricating, Inc. —] 5] Tayl or Street, Trenton, NJ 08638—
- Manufactured for _____
- Location of Installation Fieldsboro, New Jersey
- Type _____

Vert. 86-372-2 --- D-372A 25 Year Built 1986
 86-372-2 D-372A
 (Horiz. or vert. tank) (Mfgr's Serial No.) (CRN) (Drawing No.) (Nat'l Bd. No.)

- The chemical and physical properties of all parts meet the requirements of materials specifications of the ASME BOILER AND PRESSURE VESSEL CODE. The design, construction, and workmanship conform to ASME Rules, Section VIII, Division 1 1986 (Year) and Addenda to S86 (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 _____

SA-240 TP-304 .1875 None 4'-0" 5'-0"
~~6'-10"~~
 report:

- Shell: SA-240 TP-304 .1875
 Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in) Diam. (ft. & in) Length (overall) (ft & in)
 Long. (Welded, Dbl. Sngl., Lap, Butt) R.T. (Spot or Full) H.T. Temp. (°F) Time (hr.) Girth (Welded. bbl. Sngl. Lap. Butt) R T (Spot. Partial. or Full) No of Courses

8. Heads: (a) Matl. SA-240 TP-304 (b) Matl. SA-240 TP-304

7. Seams:
 Welded Dbl. None 60 Welded Sngl - — None —

(a)	Location (Top, Bottom, Ends)	(Spec. No., Grade)							Side to Pressure (Convex or Concave)	
		Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius		Flat Diameter
(a)	To	.0714	None	48	3					
(b)	Bottom	.0714	None	48	3					Conca

If removable, bolts used (describe other fastenings) _____ (Matl., Spec No., Gr., Size, No) o

9. Const. for max. allow. working 30 psi at max. temp. 200 °F Min. temp (when less than -20 °F) _____
 press.F.

Hydro., pneu., or comb. test pressure _____ 47.5 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
Inlet Inlet	1	3	50#F1	SA-312 TP-304		Inheren	Weld	
		3	50#F1					

	1							
Outlet	1	2	Cl.	SA-182 F-304	3000			
Vent	1	1			11			

12. Supports: Skirt No Lugs
 Leas Other Attached
(Yes or no) (No) (No) (Describe) (VWhere and how)

13. Remarks: One 375 gallon vertical vessel for use in the Chemical industry— Customer P.O. #N 34124

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.

Signed 10-7-86 R.A.S. Welding & Fab., Inc. by [Signature]
(Manufacturer) (Representative)

Date _____ Expires 18457 June 21

'I U' Certificate of Authorization No. 19.89—

CERTIFICATE OF SHOP INSPECTION

R. _____ Inc. Street — Trenton, NJ

Vessel made by A.S. Welding & Fabricating, at 151 Taylor

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 New Jersey and employed by Lumbermens Mutual Casualty Co.

have inspected the pressure vessel described in this Manufacturer's Data Report on—z-aa—z—, 19 BC—, 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 loss of any kind arising from or connected with this inspection.

Signed [Signature] Date zoo 7-34 Commissions NB 10197 NJ 867
(Inspector) (Nat • I Board. State. Province and No)

(12/81) This form (E001 17) may be obtained from the Order Dept., ASME, 345 E. 47th st., New York, N.Y. 10017