

#90614

**FORM U-1A MANUFACTURER'S 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 and certified by ADDISON FABRICATORS, INC., HWY 278 EAST, ADDISON, AL 35540  
(Name and address of manufacturer)

2. Manufactured for JOHN BROWN E & C, INC., 301 N. HURST BOURNE, SUITE 250, LOUISVILLE, KY 40222  
(Name and address of purchaser)

3. Location of installation RHONE-POULENC, PLANTSITE, LOUISVILLE, KY  
(Name and address)

4. Type VERTICAL OJ0505 --- OD0505-2 509 1990  
(Horiz. or vert. tank) (Mfg's serial No.) (CRN) (Drawing No.) (Netl. Bd. No.) (Year built)

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 1989 EDITION  
Year

to 90 NONE N/A  
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-240-S31803 .250 NONE 6'-0" 14"-6" OAL  
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: DBL BUTT FULL 100 --- --- DBL BUTT FULL 1  
Long. (Welded, Obl., Angl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Obl., Angl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

8. Heads: (a) Matl. SA-240-S31803 (b) Matl. SA-240-S31803  
(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)	TOP	.134"	0	72"	4.375"	---	---	---	---	CONCAVE
(b)	BOTTOM	.1875"	0	---	---	---	60°	---	---	CONCAVE

If removable, bolts used (describe other fastenings) N/A  
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 50 & F.V. 300 °F  
Min. design metal temp. -20 °F at 50 psi. Hydro. 75 psi. test pressure 75 psi.

\*10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
INLET-MANWAY	1-1-1/8" 18"-24"	RFSO	SA-240-S31803	.1875	INHERENT	WELD	SHELL
SIGHT GLASS	2 6"	PAD	SA-240-S31803	150#	INHERENT	WELD	HEAD
OUT - SPARE	1-6 4" - 3"	FSLJ	SA-790-S31803	40S	INHERENT	WELD	HEAD/SHELL
LEVEL/SAMPLE	3-1-1 2"-1 1/2"-1"	FSLJ	SA-790-S31803	40S	INHERENT	WELD	HEAD/SHELL

11. Supports: Skirt --- Lugs --- Legs --- Other --- Attached ---  
(Yes or no) (No.) (No.) (Describe) (Where and how)

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: ---  
(Name of part, item number, Mfg's. name and identifying stamp)

\*10. INLET-TEMP 2-1, 3/4"-1 1/2", CPLG SA-182-S31803 3000# INHERENT, WELD, SHELL  
PO #7-2055-0, RT-1, VESSEL TESTED HORIZONTALLY, EQUIP# TK-75-301  
\*\*EXEMPT FROM IMPACT TESTING PER UHA-51A\*\*

**CERTIFICATE OF SHOP 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. "U" Certificate of Authorization No. 17135 expires 11, 1990.  
Date 10-10-90 Co. name ADDISON FABRICATORS, INC. Signed MJ B  
(Manufacturer) (Inspector)

**CERTIFICATE OF SHOP INSPECTION**

Vessel constructed by ADDISON FABRICATORS, INC. at HWY 278 EAST, ADDISON, AL 35540.  
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 TENNESSEE and employed by COMMERCIAL UNION OF BOSTON  
have inspected the component described in this Manufacturer's Data Report on 10-10, 1990, 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 this 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.  
Date 10-10-90 Signed [Signature] Commissions NB8767 TN2308  
(Authorized Inspector) (Nat'l Board (incl. enforcement), State, Prov. and No.)