

#102272

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

Form U-1A

1. Manufactured and certified by JACOBS APPLIED TECHNOLOGY, INC. P.O. BOX 1327, 1525 Charleston Highway, ORANGEBURG, S.C., USA 29116-1327
(Name and address of Manufacturer)

2. Manufactured for RHONE-POULENC INSTITUTE VW.
(Name and address of Purchaser)

3. Location of Installation SAVE AS ABOVE
(Name and address)

4. Type: VERT. TANK C-4150 17D3X0001 REV. 1 3360 1997
(Horiz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing No.) (Natl. 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 1995
to 1996 (Year)

6. Shell: Addenda (Date) SA-240-316L Code Case Nos. 1876 Special Service per UG-120 (d) NONE 2-5.025" 6'-6"
Mat'l. (Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. ID (ft. & in.)) (Length (overall) (ft. & in.))

7. Seams: WLD. SN3. BUTT SPOT 85% WLD. SN3. BUTT SPOT 2
(Long. (Welded, Grl., Sngl., Lap, Butt)) (RT (Spot or Full)) (Eff. (RT, HT, Temp. (°F), Time (hr.)) (Grd. (Welded, Grl., Sngl., Lap, Butt)) (RT (Spot, Partial or Full)) (No. of Courses)

8. Heads: (a) Mat'l. SA-240-316L (b) Mat'l. SA-240-316L
(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 & BOTTOM	.253"	NONE	30"	2.250"					BOTH
(b)									

If removable, bolts used (describe other fastenings)

NA

9. MAWP 697V psi at max. temp. 150 °F
(Mat'l. Spec. No., Gr., Size, No.)

Min. design metal temp. -20 °F at 697V psi. Hydro., Pneu., or Comb. test pressure HYDRO @ 110 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Material	Nom. Thickness	Reinforcement Material	How Attached	Location
INLET OUTLET	3	1.5"	150W/LJ	SA312-316L	.200"	INHERENT	UW-16.1C	TOP & BOTT. HEAD
DIP VENT SPARE	3	2"	150W/LJ	SA312-316L	.218"	INHERENT	UW-16.1C	TOP HEAD
LEVEL SPARE	2	3"	150W/LJ	SA312-316L	.300"	INHERENT	UW-16.1C	HEAD & SHELL
NOX. INT. A2	1	3"	150W/LJ	SA312-316L	.216"	INHERENT	UW-16.1C	HEAD
INSPECTION	1	10"	150W/LJ	SA312-316L	.366"	INHERENT	UW-16.1C	SHELL

11. Supports: Skirt NO Lugs 4 Legs 0 Other NA Attached WELD TO REPAD TO SHELL
(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: NA
(Name of part, item number, Mfr's. name and identifying stamp)

OVERPRESSURE SAFETY DEVICES TO BE PROVIDED INTEGRAL WITH THE SYSTEM BY THE USER.

CHAPPY IMPACTS EXEMPTED PER UG-11A-51.

JAT JOB # 67M4400-165

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. 10033
expires 7-30, 1999.

Date: 10-01-1997 Co. Name: JACOBS APPLIED TECHNOLOGY, INC.
(Manufacturer)

Signed: [Signature]
(Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by JACOBS APPLIED TECHNOLOGY, INC. at ORANGEBURG, S.C., 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 IN and employed by KEMPER INSURANCE COMPANIES have inspected the component described in this Manufacturer's Data Report on:

9-23, 1997, 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: 10-01-1997

Signed: [Signature]
(Authorized Inspector)

Commissions: WB-90118 TN 2402
Natl. Board (incl. endorsements, State, Prov. and No.)