

CTJ 60-500 Gallons - vessel

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Manufactured and certified by De Dietrich & Cie, 1 rue d'Offwiller, 67110 Zinwiller, France
(Name and address of manufacturer)

2. Manufactured for _____
(Name and address of purchaser)

3. Location of installation _____
(Name and address)

4. Type Vertical 32751 N/A EP-3939 3442 1984
(Horizontal tank) (Mfg's serial No.) (CRN) (Drawing) (Mfg. 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. 1980
Year

Winter 82N/AN/A

Addenda (date)

Code Case No.

Special service per UG 120(d)

Items 6-11 incl. to be completed for single wall vessels, jackets of jacketed vessels, or sheets of heat exchangers

6. Shell: SA 285 B 7/16" N/A 5 ft. 6-15/16" O.D. 2 ft. 7-21/32"
(Matl. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (Overall) (ft. & in.))

7. Seams: Welded, Dbl. Butt Spot 85 N/A
(Long. (Dbl. Sngl.)) (RT (Spot or Full)) (Eff. (%)) (HT Temp. (F))

N/AWelded, Dbl. ButtPartial1

Time

Girth (Dbl. Sngl.)

RT (Spot, Partial, or Full)

No. of Courses

8. Heads: (a) Matl. SA 285 B (Spec. No., Grade) (b) Matl. N/A (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)	Bottom	15/32"	N/A	6-15/16"	6-11/16"	N/A	N/A	N/A	N/A	Concave
(b)										

If removable, bolts used (describe other fastenings) N/A

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

9. Type of Jacket Type 2, per Fig. 9.2 Proof Test N/A
Fig. 9.5(b-2) & Fig. 9.6(e-1)

10. Jacket Closure 105 or 90 & F.V. (Describe as ogee & weld, bar, etc.) If bar, give dimensions N/A If bolted, describe or sketch.

11. MAWP 157.5 psi at max. temp. 500 °F. Min. temp. (when less than -20° F) N/A °F.
Hydro., ~~max. test press.~~ test press. 112.5 psi.

Items 12 and 13 to be completed for tube sections

12. Tubesheets: N/A
Stationary Matl. (Spec. No., Gr.) (Diam. (in.)) (Subject to Pressure) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Attach (Welded Bolted))

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

Diam. (in.)

Nom. Thk. (in.)

Corr. Allow. (in.)

Attach

13. Tubes: N/A
Matl. (Spec. No., Gr.) (O.D. (in.)) (Nom. Thk. (in. or Gauge)) (Number) (Type (Straight or U))

Items 14-17 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers

14. Shell: SA 285 B 45/64" N/A 5 ft. O.D. 2 ft. 11-45/64"
(Matl. Spec. No., Grade) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (Length (Overall) (ft. & in.))

15. Seams: Welded, Dbl. Butt Spot 85 *
(Long. (Dbl. Sngl.)) (RT (Spot or Full)) (Eff. (%)) (HT Temp. (F))

*Welded, Dbl. ButtPartial1

Time

Girth (Dbl. Sngl.)

RT (Spot, Partial, or Full)

No. of Courses

16. Heads: (a) Matl. SA 285 B (Spec. No., Grade) (b) Matl. N/A (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)	Bottom	3/4"	N/A	60"	3-3/4"	N/A	N/A	N/A	N/A	Both
(b)										

If removable, bolts used (describe other fastenings) N/A

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

17. MAWP 75 or F.V. psi at max. temp. 500 °F. Min. temp. (when less than -20° F) N/A °F.
Hydro., ~~max. test press.~~ test press. 112.5 psi.

(12/82) 422.830

This form (E00108) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

Form U-1 (Back)

18. Pressure Inspection and Safety Valve Openings

Item	No.	Size	Location	Material	Non Tbk	Reinforcement Mat	How Attached	Location
Outlet	1	3"	On Jacket	SA 181-60	5/8"	None	Welded	N/A
Jacket	8	1-1/2"	Sit through	SA 105	Standard	None	Welded	N/A
Jacket	1	3/4"	Sit on	SA 105	Standard	None	Welded	N/A
Jacket	2	1/2"	Sit through	SA 105	Standard	None	Welded	N/A

19. Supports: Skirt no 31ftings 4-3" cplg. Attached: Welded on jacket shell & head

20. Pressure Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following:

*Vessel H.T. at high temperature for extended period of time due to glass lining process. Glass lined steel vessel for chemical use.

Vessel hydrotated with standard cover.

CERTIFICATE OF SHOP COMPLIANCE

I hereby 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.

Certificate of Authorization No. 11718 expires April 16
Date March 2, 1984 Co. name De Dietrich & Cie Signed WAGNER R. Q.C. MFR.

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by De Dietrich & Cie at Zinnailler, France

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 York, and employed by The Royal Indemnity Company

New York, N.Y. Feb. 22, 1984 have inspected the pressure vessel described in this Manufacturer's Data Report on Feb. 22, 1984 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 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 March 20, 1984 Signed Martin KOENIG Commissions N.B. 9354

CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE

I hereby certify that the field assembly construction of all parts of this vessel conforming with the requirements of Section VIII, Division 1 of the ASME Boiler and Pressure Vessel Code.

Certificate of authorization No. expires 1984 Signed

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

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 York, and employed by

have compared the statements in this Manufacturer's Data Report with the design and construction of the vessel and state that parts referred to as data items not included in the

scope of shop inspection have been inspected by me and that, to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance with ASME Code, Section VIII, Division 1. The described vessel was inspected and subjected to a hydrostatic test of

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 Signed Commissions

CTJ-60-500 Bottom FORM R-1, REPORT OF WELDED ☐ REPAIR OR ☒ ALTERATION
As required by the provisions of the National Board Inspection Code

2.2

1. Work done by De Dietrich (USA), Inc., 2333 U.S. Hwy. #22, Union, N.J. 2260-2
(name and address of repair or alteration organization) (serial no.)

2. Owner _____
(name and address of owner)

3. Location of installation Rhone-Poulenc Inc. New Brunswick, New Jersey
(name and address)

4. Unit identification Jktd. Pressure Vessel Name of manufacturer De Dietrich & Cie
(boiler, pressure vessel)

5. Identifying nos. 32751 3442 - - 1984
(mfr. serial no.) (National Board no.) (jurisdiction) (other) (year built)

6. Description of work: Fillet welded four side support lugs, added two
(use back, separate sheet, or sketch if necessary)
5.75" cleanout port flanges to jacket shell and one 5.75"
cleanout port flange to jacket bottom head. All alterations
per dwg. D-5364. Welders Nos. 15 & 16.

7. Remarks: Jacket
Pressure test, qualified 157.5 psi
5.75" cleanout port flange, Part No. 8928, SA-516-60

(name of part, item number, mfr's name, and identifying stamp)

CERTIFICATE OF COMPLIANCE

The undersigned certifies that the statements made in this report are correct and that all design, material, construction, and workmanship on this alteration conform to the National Board Inspection Code. (repair, alteration)

Certificate of Authorization no. 14722 to use the U symbol expires July 25, 1987

Date 8-2-84 Signed De Dietrich (USA), Inc. by Sal Carrabotta
(repair, alteration organization) (authorized representative)

CERTIFICATE OF INSPECTION

The undersigned, holding a valid Commission issued by the National Board of Boiler and Pressure Vessel Inspectors and certificate of competency issued by the state or province of New Jersey and employed by Royal Ind. Co. of New York has inspected the work described in this data report on 8-2-84 and state that to the best of my knowledge and belief this work has been done in accordance with the National Board Inspection Code.

By signing this certificate, neither the undersigned nor my employer makes any warranty, expressed or implied, concerning the work described in this report. Furthermore, neither the undersigned nor my employer shall be liable in any manner for any personal injury, property damage or loss of any kind arising from or connected with this inspection, except such liability as may be provided in a policy of insurance which the undersigned's insurance company may issue upon said object and then only in accordance with the terms of said policy.

Signed: Robert M. Bunting Date 8-2-84 Commission NB 361
(inspector) (National Board, state or province and number)