

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 De Dietrich (USA), Inc. 3920 FM 3386, Corpus Christi, Texas 78410
(Name and address of manufacturer)

2. Manufactured for BASF Corporation, 14385 West Port Arthur Road, Beaumont, TX 77705
(Name and address of purchaser)

3. Location of installation BASF Corporation, 14385 West Port Arthur Road, Beaumont, TX 77705
(Name and address)

4. Type: Vertical 2173 N/A D-71607-01 1063 2000
(Horiz. or vert. tank) (Mfr's serial No.) (CRN) (Drawing No.) (Nat'l. 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 1998 Edition Year

to 98 Addenda N/A N/A
Addenda (Date) Code Case Nos. Special Service per UG-120(d)

6. Shell: SA-516Gr.70N 1/2" N/A 4'-6" 2'-6 7/8"
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: 1 Spot 85% * * 1 Spot 1
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-516Gr.60N * (b) Matl. SA-516Gr.60N *
(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	1/2"	N/A	N/A	N/A	2:1	N/A	N/A	N/A	Convex
(b)	Bottom	1/2"	N/A	N/A	N/A	2:1	N/A	N/A	N/A	Concave

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

9. MAWP: 55/FV psi at max. temp. 400 °F
Min. design metal temp. -20 of at 55/FV psi Hydro., pneu., or comb. test pressure Hydro 61 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Manway	1	18"	CL150LWN	SA-181 CL60	1/2"	Inherent	Welded	Top
Inlet	1	10"	CL150LWN	SA-181 CL60	7/16"	Inherent	Welded	Bottom
Inlet/Outlet	1	6"	CL150LWN	SA-181 CL60	7/16"	Inherent	Welded	Top
Inlet/Outlet	3	3"	CL150LWN	SA-181 CL60	7/16"	Inherent	Welded	Top

11. Supports: Skirt No Lugs 4 Legs 4 Other N/A Attached Shell-Bolted/Btm Head-Welded
(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: N/A

(Name of part, item number, Mfr's. name and identifying stamp)

* Vessel was heat treated at high temperatures for extended periods of time due to glass lining process. Glass lined for chemical use.

Vessel constructed in conformance with Appendix 27. Safety relief device supplied by customer. Vessel hydrotested vertically.

Exempted from impact testing per UG-20(f), UCS-66(a), UCS-66(b).

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. 24,787 expires May 3, 2002

Date 4/10-2000 Co. name De Dietrich (USA), Inc. Signed (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by De Dietrich (USA), Inc. at 3920 FM 3386, Corpus Christi, Texas 78410

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 Texas and employed by C.U.I.C Boston, MA have inspected the component described in this Manufacturer's Data Report on April 10, 2000, 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 April 10, 2000 Signed (Authorized Inspector) Commissions NB9009B TX 1021
(National Board incl. endorsements State, Prov. and No.)

Platcom 10-98E98