

109212

C3701

939-3995

(Alternate Form for Single Chamber, Completely Shop-Fabricated Vessels Only) ASME Code Rules, Section VIII, Division 1

PB02-C-3701 6395-29030

1. Manufactured by Union Carbide Eng. & Hyd. Div. 511 Construction Shops Bldg. 2010&2224 Rt. #25 Institute, WV 25112
2. Manufactured for Union Carbide Ag Products Div. Rt. #25 Institute, WV 25112
3. Location of Installation Same
4. Type Vert-Tank 83-18 1186641 284 (Year Built) 1983

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) and Addenda to 12-31-82 (Date) and Code Case Nos. X Special Service per UG-120(d) X
Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: XXXXXXXXXXXX

6. Shell: Matl. SA-240-316 (Spec No. Grade) Nom. Thk. 5/16 in. Corr. Allow. 1/16 in. Diam. 6 ft 0 in. Length 15 ft 1 in. (overall)
7. Seams: Long. Dbl. Butt R.T. Spot Eff. 85 % H.T. Temp. XXXX F Time XXXX hr Girth Dbl. Butt R.T. Spot No. of Courses 2
8. Heads: (a) Material SA-240-316 (Spec No. Grade) (b) Material SA-240-316 (Spec No. Grade)

Table with 10 columns: 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). Rows for TOP and BOTTOM.

9. Const. for max. AWP 50 psi at max. temp. 320 (Material Spec No. Gr. Size No.) (when less than 20F) (or comb test) F Hydro pneu. pressure 108 psi
10. Safety Valve Outlets: Number 1 Size 3" MK-K Location Top Head

Table with 9 columns: Purpose (Inlet, Outlet, Drain), No., Diam or Size, Type, Matl, Nom Thk, Reinforcement Matl, How Attached, Location. Rows for various nozzle and inspection openings.

12. Supports: Skirt NO Lugs 2 Legs 6 Other Attached Shell-Welded (Where and how)

13. Remarks: S/S Recovery Column Feed Tank

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
Date 7-15-83 Signed Union Carbide Eng. & Hyd. Div. by [Signature] "U" Certificate of Authorization No. 1407 expires 12-31-1984

CERTIFICATE OF SHOP INSPECTION

Union Carbide Eng. & Hyd. Div. Vessel made by 511 Construction Shops Bldg. 2010&2224 at Rt. #25 Institute, WV 25112
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of WV and employed by Hartford Insurance Company
have inspected the pressure vessel described in this Manufacturers' Data Report on 7-15-83 1983, 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
Signed Dale A. Morgan (Inspector) Date 7-15-83 Commissions NB6570 (that) E. and State Province and No.