



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 MVE, Inc., 407 7th ST., NW, NEW PRAGUE, MN 56071
(Name and address of manufacturer)

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

3. Location of installation UNKNOWN
(Name and address)

4. Type VCS 900 1492 E2679.514670 D24072(10745559) 51572 1995
(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 1992
to A-94 NA LOW TEMP.SVC.UW2B UHA51
Addenda (Date) Code Case Nos Special Service per UG-120(d)

6. Shell: SA240 T304 .398" 0 4' 6" 6' 2"
Mat'l. (Spec. No., Grade) Norm Thk (in) Corr Allow (in) Diam. I D (ft. & in.) Length (overall) (ft. & in.)

7. Seams: TYPE 1 FULL 100 NA NA TYPE 2 SPOT 1
Long (Welded, Double, Single, Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp (F) Time (hr) Girth (Welded, Double, Single, Lap, Butt) R.T. (Spot, Partial, or full) No. of courses

8. Heads: (a) Mat'l. SA240 T340 (b) Mat'l. SA240 T304
(Spec. No., Grade) (Spec. No., Grade)

Table with 11 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 (a) TOP and (b) BOTTOM.

If removable, bolts used (describe other fastenings) NONE
(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 250 psi at max. temp. 100 °F
Min. design metal temp. -350 °F at 250 psi. Hydro., pneu., or comb. test pressure 410 psi

10. Nozzles, inspection and safety valve openings:

Table with 9 columns: Purpose (Inlet, Outlet, Drain), No., Diameter or Size, Type, Mat'l., Nom. Thk., Reinforcement Mat'l., How Attached, Location. Rows include BF,AL,GU, FT, GP, HYDRO, LP, V,AV,TF.

11. Supports: Skirt NO Lugs NA Legs NA Other HUBS Attached ENDS 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: NA

(Name of part, item number, Mfr's name and identifying stamp)
VACUUM JACKETED VESSEL. LOW TEMPERATURE SERVICE. RT-UW-11(A)(5). DESIGN PRESSURE IS 270.0 PSI. INNER VESSEL CODED ONLY. HYDRO PORTS ARE PLUGGED AND SEAL WELDED. IMPACT EXEMPT PER UHA51. TEST POSITION IS VERTICAL. (D10757701)

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. 8377 expires JANUARY 15 19 98
Date 12/13/95 Co. name MVE, INC. Signed [Signature] (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION
Vessel constructed by MVE, INC. at NEW PRAGUE, MN 56071
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 MINNESOTA and employed by COMMERCIAL UNION INSURANCE COMPANY
have inspected the component described in this Manufacturer's Data Report on DECEMBER 13, 19 95, 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 12-22-95 Signed [Signature] Commissions NB3796 & NB95-517
(Authorized Inspector) (Nat'l. Board (incl. endorsements), State, Prov and No.)