

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 CERAMIC COATING COMPANY, 123 Banklick Road, Newport, KY 41072  
(Name and address of manufacturer)
2. Manufactured for Jones-Hamilton Company  
(Name and address of purchaser)
3. Location of installation Newark, CA 94560  
(Name and address)
4. Type Vertical 6-39989 N-A C4496 Rev.0 1415 1993  
(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  
Year
- to 1992 1970/2062/2119 None  
Addenda (Date) Code Case Nos. Special Service per UG-120(d)
6. Shell: SA-285-C 3/8" 0 2' - 6" 1' - 9"  
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)
7. Seams: DBW N-A 70 PAR 9-9 PAR 9-9 DBW N-A two  
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-285-C PAR 9-9 (b) Matl. SA-285-C PAR 9-9  
(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	.370	0			2:1				both
(b)	bottom	.368	0			2:1				both

If removable, bolts used (describe other fastenings) SA-194-2H/SA-395/SA-193-B7 1" 30  
(Matl., Spec. No., Gr., Size, No.)

9. MAWP FV/100 psi at max. temp. 500 °F  
Min. design metal temp. -20 °F at 100 psi. Hydro. ~~test~~ test pressure 100 psi.

10. Nozzles, inspection and safety valve openings: Safety valves by end user

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
inlet	1	6"	FLG	SA-216	150 lb.	integral	DBW	
outlet	1	12"	FLG	SA-216	150 lb.	integral	DBW	

11. Supports: Skirt NO Lugs 4 Legs NO Other NO Attached Banded 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: PAR UG 20(f) No impact testing conducted  
(Name of part, item number, Mfr's. name and identifying stamp)

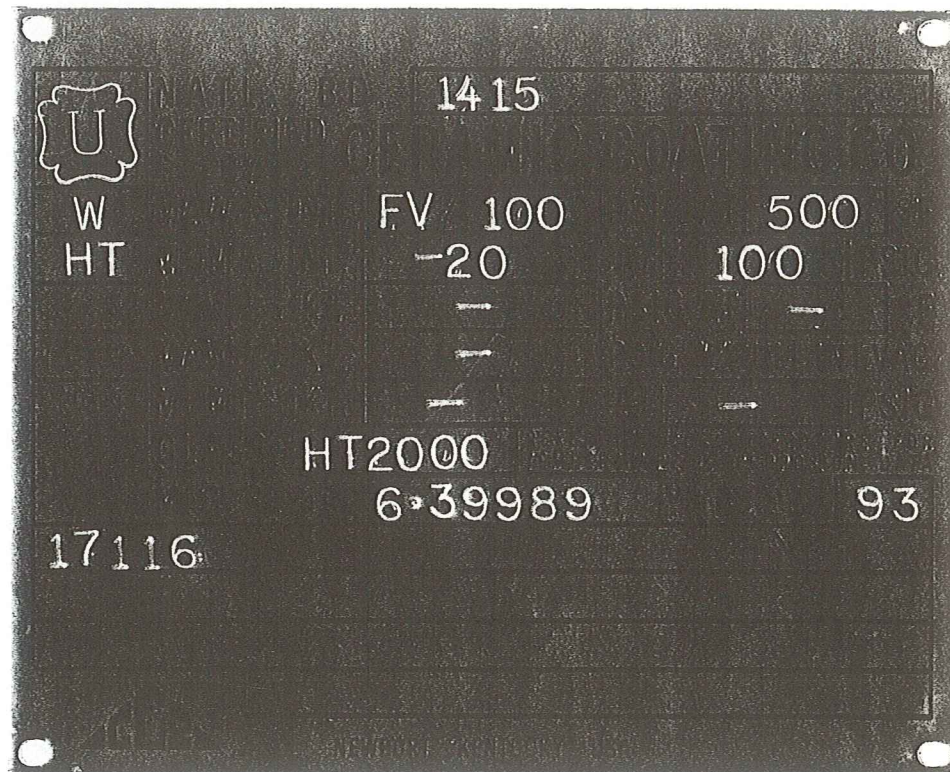
Glasslined mist eliminator housing  
C.O. 17116

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. 16284 expires Jan. 12, 1996.  
Date 9/24/93 Co. name CERAMIC COATING COMPANY Signed Rennett R. Schuch  
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by CERAMIC COATING COMPANY at Newport, KY  
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 Kentucky and employed by Commercial Union Insurance Company, Boston, MA have inspected the component described in this Manufacturer's Data Report on 9/24, 19 93, 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 9/24/93 Signed J. Voorhees Commissions NB 8392 BNS KY 823 P. 2259  
(Authorized Inspector) (Nat'l Board (incl. endorsement(s), State, Prov. and No.)



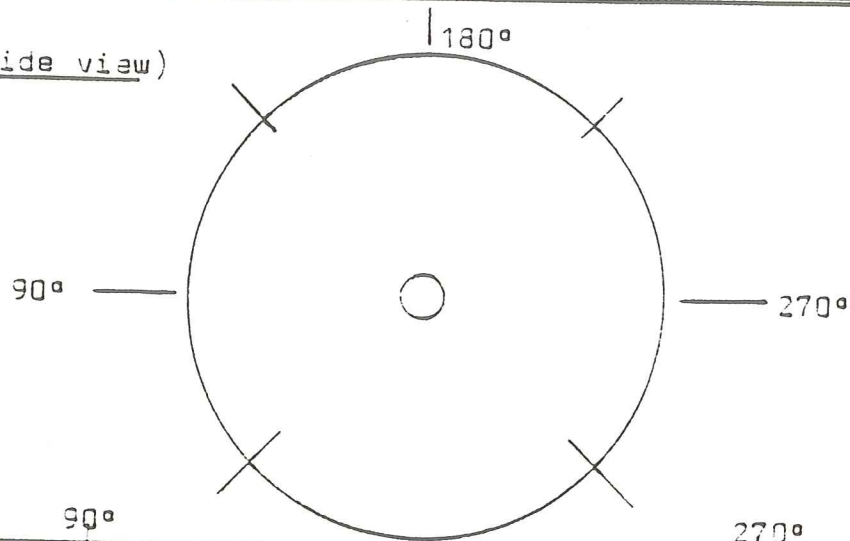
THE CERAMIC COATING COMPANY

Date: 9-30-93

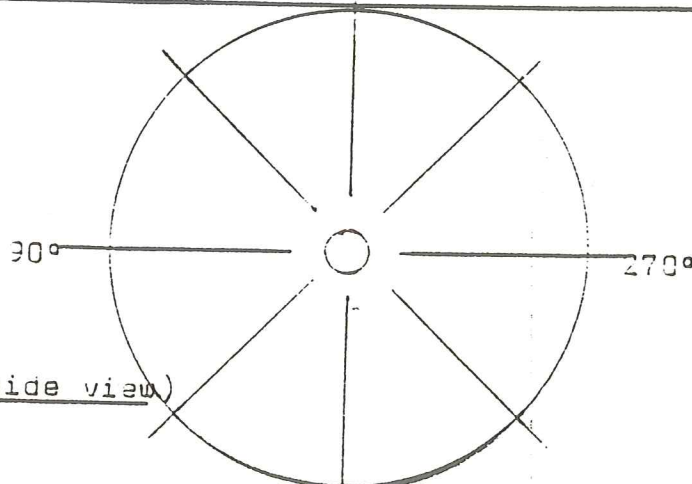
PLUG LOCATION CHART

Customer: JONES HAMILTON Shop Order No. 6-39989 No. of Plugs 1  
 Description: 30" ID MIST ELIMINATOR Glass Type HT2000 Plug Type —

Top Head (outside view)



135°	90°				270°	180°



Bottom Head (outside view)

Report by: LL