

V480

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

24" od soy iod absorber col. V-480

1. Manufactured and certified by PAGET EQUIPMENT CO., 417 EAST 29TH STREET MARSHFIELD, WI 54449 (Name and address of manufacturer)

2. Manufactured for CROWN IRON WORKS P.O. BOX 1364 2500 W. COUNTY RD. C MINNEAPOLIS, MN. 55113 (Name and address of purchaser)

3. Location of Installation DESTREHAN, LA. (Name and address)

4. Type: VERTICAL 06-453 06453 REV AB 22417 2007 (Horiz. or vert. tank) (Mfr's serial No.) (GRN) (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 2004ED Year

to 2005AD Addenda (Date) Code Case Nos. Special Service per UG 120(d)

6. Shell: SA240 304 3/16" 2'OD 18'4" (Mall. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: TYPE 1 NONE .70 TYPE 1 NONE .70 FIVE (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, Eff. (%) No. of Courses or Full)

8. Heads: (a) Matl. SA240 304 (b) Matl. (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, (b) -

If removable, bolts used (describe other fastenings) SA193-B7 1 1/4" UNC X 7 1/2" LG. STUDS QTY.60 / SA194-2H 1 1/4"-7 UNC HEAVY HEX NUTS QTY.120 (Mall., Spec. No., Gr., Size, No.)

9. MAWP 15 15 psi at max. temp. 400 400 °F (internal) (external) (internal) (external) Min. design metal temp. -20 °F at 15/-15 psi Hydro., test pressure 19.5 psi

10. Nozzles, inspection and safety valve openings:

Table with 9 columns: Purpose (Inlet, Outlet, Drain), No., Diam. or Size, Type, Matl., Nom. Thk., Reinforcement Matl., How Attached, Location. Rows include level switch/spare, pressure transmitter, INLET, SIGHTGLASS, OUTLET, and several empty rows.

11. Supports: Skirt NO Lugs - Legs - Other - Attached - (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: -

(Name of part, item number, Mfr's name and identifying stamp) SAFETY RELIEF PROVIDED BY OTHERS PER UG-125 & UG-135 / NO IMPACT TESTING PER UHA 51(d) UCS 66 HYDRO TESTED IN HORIZONTAL POSITION #10 1-LJ FLANGE IS SA105 & 1-RFSO FLANGE IS SA182 F304 / 5-BODY FLANGES ARE SA105 150#

CERTIFICATE OF SHOP / FIELD 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. 25,152 expires 10/07/2008 Date 6-25-07 Co. Name PAGET EQUIPMENT CO. Signed [Signature] (Manufacturer) (Representative)

CERTIFICATE OF SHOP / FIELD INSPECTION Vessel constructed by PAGET EQ. CO. DIV. OF J.B.L. INTL. at 417 EAST 29TH STREET MARSHFIELD, WI 54449 I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of WI. and employed by HSB CT have inspected the component described in this Manufacturer's Data Report on JUNE 26 2007, 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 6-26-07 Signed [Signature] (Authorized Inspector) Commissions NB 8725 AR WI 100118 (Nat'l Board, (Incl. endorsements) State, Prov. and No.)