

CCS140

2116

(A) 3108712

2019/6/22

#2034

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 A C & R Components, Inc. 701 S. Main Street, Chatham, Illinois 62629
2. Manufactured for Chil-Con Products Limited Brantford, Ontario Canada (A) 3108712
3. Location of installation Unknown
4. Type Horiz. Oil Sep. 13363 - 13372 KR089-50 SN-5467 13363 - 13372 1995
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 Edition
6. Shell: SA-53 Grade B .375" None 15.25" I.D. 42.00"
7. Seams: ERW NA 85 NA NA Joggled NA 1
8. Heads: (a) Matl. SA-516 Grade 70 (b) Matl. SA-516 Grade 70

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) End and (b) End.

9. MAWP 400 (Matl. Spec. No., Gr., Size, No.) 650 psi at max. temp. F
Min. design metal temp. -20 F at 400 psi Hydro., pneu., or comb. test pressure 500 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 for In/Outlet, Plug Adapt, Plug Adapt, Plug Adapt.

11. Supports: Skirt No Lugs 6 Legs - Other - Attached Welded on Shell

12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: Vessel to be used as an Oil Separator in a refrigeration system. EXEMPT FROM CHARPY IMPACT TESTING PER UG-20 (F) CRN#K7089.5C

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. 20159 expires Apr 1, 1997. Date Aug 31 1995 Co. name A C & R Components, Inc. Signed [Signature] (Manufacturer) [Signature] (Representative)

CERTIFICATE OF SHOP INSPECTION
Vessel constructed by A C & R Components, Inc. at Chatham, Illinois
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of Illinois and employed by Allendale Mutual Insurance Co. (FMEA)
have inspected the component described in this Manufacturer's Data Report on Aug 31, 1995, 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 make 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 8/31/95 Signed [Signature] (Authorized Inspector) Commissions NB9317, ENDA; ILL1210, OHIO (Nat'l Board (incl. endorsements), State, Prov., and No.)