

1191178

5-5-11-7

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

① 191798

82/01/05

1. Manufactured by C.E. NATCO LIMITED 9423 SHEPARD RD. S.E. CALGARY, ALTA.
 2. Manufactured for C.E. NATCO LIMITED 9423 SHEPARD RD. S.E. CALGARY, ALTA.
 3. Location of Installation Stock
 4. Type VERTICAL L-6-251 D.781.21 LA-9322 (Year Built) 1982
 (HORIZ. OR VERT. TANK) (Mfg's Serial No.) (CRN) (Drawing No.) (Nat'l Bld No.)
 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 and Addenda to Summer 1981 and Code Case Nos. _____
 (Year) (Date)
 Special Service per UG-120(d) _____
 Manufacturers' Partial Data Reports properly identified and signed by Commissioned Inspectors have been furnished for the following items of the report: 6.3mm 1829mm 8382mm
 6. Shell: Matl. SA-285-C Nom. .25 Corr. _____ in. Allow. _____ in. Diam. 72 in. Lgth. 27 ft 6 in.
 (Spec. No., Grade) (Thk.)
 7. Seams: Long. DBL-V-BUTT R.T. Spot Efficiency 85 % H.T. Temp. _____ F Time _____ hr
 (Welded, Dbl, Singl, Lap, Butt) (Spot or Full)
 Girth DBL-V-BUTT R.T. Spot to S _____ No. of Courses 3
 (Welded, Dbl, Singl, Lap, Butt) (Spot, Partial, or Full)
 8. Heads: (a) Material SA-285-C (b) Material SA-285-C
 (Spec. No., Grade) (Spec. No., Grade)

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemish Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) <u>TOP (7.9mm x 3125")</u>	<u>.66</u>	<u>4.375</u>					<u>F&D</u>	<u>Concave</u>	
(b) <u>BTM</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>"</u>	

 If removable, bolts used (describe other fastenings) 345 KPA (Material, Spec. No., Gr., Size, No.)
 9. Constructed for max. allowable working pressure 50 psi at max. temp. 94C/200 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic, or combination test pressure 75 psi. 518KPA
 10. Safety Valve Outlets: Number _____ Size 3" Location Top Head
 11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
SEE ATTACHED NOZZLE SCHEDULE							

 12. Supports: Skirt YES Legs _____ Other _____ Attached BOTTOM WELDED
 (Yes or no) (No.) (No.) (Describe) (Where and how)
 13. Remarks: 1829 mm x 8382mm @ 345 KPA WP
VERTICAL EMULSION TREATER. VOL. 10m3

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 5 Jan 82 Signed C.E. NATCO LIMITED by RK Leary
 (Manufacturer) (Representative)
 "U" Certificate of Authorization No. 11,313 expires Sept. 9, 19 83

CERTIFICATE OF SHOP INSPECTION

Vessel by C.E. NATCO LIMITED at CALGARY, ALTA.
 I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of ALBERTA, and employed by GOVERNMENT, have inspected the pressure vessel described in this Manufacturers' Data Report on 5 January 19 82 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 the Manufacturers' 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.
 Signed [Signature] Date 82/01/05 Commissions _____
 (Inspector) (Nat'l Board, State, Province and No.)

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This form (E00117) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

S.O. 1395 -v1A

E-MAILED