

191913

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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

82/02/19

1. Manufactured by C.E. NATCO LIMITED 9423 SHEPARD RD. S.E. CALGARY, ALTA.
2. Manufactured for OMEGA HYDROCARBON #630-330 5 AVE. S.W. CALGARY, ALTA.
3. Location of Installation: 6-4-29-21-W4
4. Type VERTICAL LS-3141 C-275.2 LA-9225 (Year Built) 82
(Horiz. or vert. tank) (Mfr's Serial No.) (CRN) (Drawing No.) (Nat'l Brd 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 80 and Addenda to Winter 81 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: 21.4mm 406mm 8534mm

6. Shell: Matl. SA-106-B Nom. .843 Corr. _____ in. Allow. _____ in. Diam. 16 in. Lgth. 28 ft 0 in.
(Spec. No., Grade) Thk. (Spot or Full)
7. Seams: Long. SMLS R.T. _____ Efficiency 100 % H.T. Temp. _____ F Time _____ hr
(Welded, Dbl, Sngl, Lap, Butt) (Spot or Full)
Girth DBL-V-BUTT R.T. PARTIAL No. of Courses 2
(Welded, Dbl, Sngl, Lap, Butt) (Spot, Partial, or Full)
8. Heads: (a) Material SA-516-70 (b) Material SA-516-70
(Spec. No., Grade) (Spec. No., Grade)

Location (Top, Bottom, Ends)	Min. Thk.	Corr. Allow.	Crown Radius	Knuckle Radius	Ellipse Ratio	Conical Apex Angle	Hemisp. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) <u>TOP (23.8mm/.9375")</u>					<u>2:1</u>		<u>Semi-ellip</u>		<u>Concave</u>
(b) <u>BTM</u>									

If removable, bolts used (describe other fastenings) 9660KPA (Material, Spec. No., Gr., Size, No.)

9. Constructed for max. allowable working pressure 1400 psi at max. temp. 38C/100 F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic, or combination test pressure 2100 psi. / 14490KPA
10. Safety Valve Outlets: Number 1 Size 1.5" Location Top Head

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
SEE ATTACHED NOZZLE SCHEDULE								

12. Supports: Skirt NES Lugs _____ Legs _____ Other _____ Attached BOTTOM WELDED
(Yes or no) (No.) (No.) (Describe) (Where and how)

13. Remarks: 406 mm x 8534 mm @ 9660 KPA WP
VERTICAL CONTACTOR W/3phase separator vol. .9m3

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 19 FEB 1982 Signed C.E. NATCO LIMITED by RK Gray
(Manufacturer) (Representative)
"U" Certificate of Authorization No. 11,313 expires Sept 9, 19 83.

CERTIFICATE OF SHOP INSPECTION

Vessel made 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/or the State or Province of ALBERTA and employed by GOVERNMENT have inspected the pressure vessel described in this Manufacturers' Data Report on 19 FEBRUARY 1982, 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 82/02/19 Commissions _____ (Nat'l Board, State, Province and No.)