

9604

24351

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 PRESSON MANUFACTURING LTD., 2103 - 8TH STREET NISKU, ALBERTA T0C 2G0
(Name and address of manufacturer)
- 2. Manufactured for PETRO-CANADA, 150 - 6TH AVE. S.W., P.O. BOX 2844, CALGARY, ALBERTA, T2P 3E3
(Name and address of purchaser)
- 3. Location of installation ALDERSON WSD 13-07-15-10 W4M (A) 2872928
(Name and address)
- 4. Type VERTICAL (Manufacturer's serial No.) 5615-20 (C.N.N.) W69132 (Drawing No.) B5615-20 (Next Ed. No.) 1995 (Vessel Serial)

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

- 6. Shell: to A-93 Addenda (Dist.) SA51670 Code Case No. .125" Special Section per UG-120(a) 7'-6"
Mat. (Spec. No., Grade) SA51670 Name, Thk. (In.) .5" Corr. Allow. (In.) 30"OD Diam. I.D. (In. & In.) DBL BUTT Length (Overall) (In. & In.) 1
- 7. Seams: DBL BUTT FULL 100 ER. (%) SA51670 R.T. (Spec. or Ref.) SA51670 Time (Hr) SA51670 R.T. (Spec. Period, or Full) 1
- 8. Heads: (a) Matl. SA51670 (Spec. No., Grade) (b) Matl. SA51670 (Spec. No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Fict Diameter	Side to Pressure (Convex or Concave)
(a) TOP	.4375"	.125"			2:1				CONCAVE
(b) BOTTOM	.4375"	.125"			2:1				CONCAVE

- 9. MAWP 285 (Mat. Spec. No., Gr., Size, No.) 100 psi at max. temp. 427 °F
Min. design metal temp. -20 °F at 285 psi. Hydro., pneu., or comb. test pressure 427 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
INLET	1	4"	RFWN	SA106B	XXH	---	WELDED	SHELL
GAS OUT	1	4"	RFWN	SA106B	XXH	---	WELDED	HEAD
DRAIN	1	2"	RFWN	SA106B	XXH	---	WELDED	HEAD
LIQ OUT	1	3"	RFWN	SA106B	XXH	---	WELDED	SHELL

11. Supports: Skirt YES Lugs --- Legs --- Other Attached (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: SEPARATOR (V-100)
IMPACT EXEMPT PER UG-20f
VOLUME: 38 cu ft.

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. 16081 expires SEPT. 19 95.
Date JAN 20 1995 Co. name PRESSON MANUFACTURING LTD. signed [Signature]

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by PRESSON MANUFACTURING LTD. at NISKU, ALBERTA
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 ALBERTA BOILER & PRESSURE VESSEL SAFETY
have inspected the component described in this Manufacturer's Data Report on JAN 23, 19 95, 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 25/1/23 Signed [Signature] Commission ACTA 36
(Auth. and Insp. No.) (Next Board (incl. endorsement), State, Prov. and No.)

