

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

①164522
 A/64522

1. Manufactured by Universal Industries Ltd. Box - 1590, Lloydminster, Alberta S9V 1K5
 2. Manufactured for Alberta Energy Co. Ltd. 2400-639 5 Ave. S.W. Calgary, Alta. T2P 0M9
 3. Location of Installation 4-10-20-8w4th
 4. Type Horiz. Treater 80-12-44 D9230.2 50992 (Year Built) 81
(Horiz. or vert. tank) (Mfr'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 1980 and Addenda to Summer 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: _____

6. Shell: Matl. SA-516-70 Nom. Thk. 5/16 in. Corr. Allow. 1/8 in. Diam. 8' in. Lgth. 35' in.
(Spec. No., Grade)
 7. Seams: Long. DBW R.T. Spot Efficiency 85 % H.T. Temp. 350° F Time _____ hr
(Welded, Dbl, Sngl, Lap, Butt) (Spot or Full)
 Girth DBW R.T. Spot No. of Courses 5
(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	Hemisph. Radius	Flat Diam.	Side to Pressure (Convex or Concave)
(a) End	<u>5/8</u>	<u>1/8</u>			<u>2:1</u>				<u>Concave</u>
(b) End	<u>3/8</u>	<u>1/8</u>			<u>2:1</u>				<u>Concave</u>

If removable, bolts used (describe other fastenings) _____

9. Constructed for max. allowable working pressure 75 psi at max. temp. 350 F. Min. temp. (when less than: -20 F) -20 F. Hydrostatic, pneumatic, or combination test pressure 113 psi.
 10. Safety Valve Outlets: Number 1 Size 2" Location Welded to shell

11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
As per Attached List								

12. Supports: Skirt Lugs Legs 2 Other _____ Attached Welded to Shell
(Yes or no) (No.) (No.) (Describe) (Where and how)

13. Remarks: 52 m³ capacity

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 <u>Aug 11/81</u>	Signed <u>Universal Industries Ltd</u> by <u>[Signature]</u> <small>(Manufacturer) (Representative)</small>
"U" Certificate of Authorization No. <u>14,629</u>	expires <u>May 24</u> , 19 <u>84</u>
CERTIFICATE OF SHOP INSPECTION	
Vessel made by <u>Universal Industries Limited</u> at <u>Lloydminster</u>	
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 <u>Alberta</u> and employed by <u>Province</u> have inspected the pressure vessel described in this Manufacturers' Data Report on <u>Aug 4</u> 19 <u>81</u> , 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 <u>[Signature]</u> <small>(Inspector)</small>	Date <u>8/08/81</u> Commissions <u>[Signature]</u> <small>(Nat'l Board, State, Province and No.)</small>