

FORM U-1. 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

A164559

A164559

1. Manufactured by Universal Industries Ltd. Box 1590 Lloydminster Alta S9V 1K5
 2. Manufactured for Husky Oil Operations Ltd. Hwy 16 East Lloydminster Sask.
 3. Location of Installation 6-20-49-26-WJM
 4. Type Horiz. Treater 81-05-21 E-600.23 51201 (Year Built) 1981
 (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 110(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. 7.9mm in. Allow. 1.6mm in. Diam. 1829mm in. Lgth 6096 mm in.
 (Spec. No., Grade)
 7. Seams: Long. DBW R.T. spot Efficiency 85 % H.T. Temp. _____ F Time _____ hr
 (Welded, Dbl, Sngl, Lap, Butt) (Spot or Full)
 Girth DBW 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 | Hemph.
Radius | Flat
Diam. | Side to Pressure
(Convex or Concave) |
|-----|---------------------------------|--------------|-----------------|-----------------|-------------------|------------------|-----------------------|------------------|---------------|---|
| (a) | End | 7.9mm | 1.6mm | | | 2-1 | | | | concave |
| (b) | End | 7.9mm | 1.6mm | | | 2-1 | | | | concave |

If removable, bolts used (describe other fastenings) _____

(Material, Spec. No., Gr., Size, No.)

9. Constructed for max. allowable working pressure 517 kpa psi at max. temp. 177 C F. Min. temp. (when less than -20 F) _____ F. Hydrostatic, pneumatic, or combination test pressure 779 kpa psi.
 10. Safety Valve Outlets: Number 1 Size 60MM Location Top of shell
 11. Nozzles and Inspection Openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
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AS PER ATTACHED DRAWING

12. Supports: Skirt no Lugs no Legs no Other saddles Attached welded to shell
 (Yes or no) (No.) (No.) (Describe) (Where and how)
 13. Remarks: _____

Capacity 16M³

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 Oct 19 1981 Signed Universal Industries Ltd. by Arch. Smith
 (Manufacturer) (Representative)

"U" Certificate of Authorization No. 14,629 expires may 24, 19 84

CERTIFICATE OF SHOP INSPECTION

Vessel made by Universal Industries Ltd. at Lloydminster
 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 Province have inspected the pressure vessel described in this Manufacturers' Data Report on Oct 19 1981, 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 in connection with this inspection.
 Signed [Signature] Date 8/10/81 Commissions _____ (Nat'l Board, State, Province and No.)
 (Inspector)