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2827038
Sec 23/92

FORM U - 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

Manufactured and certified by LARSEN & D'AMICO MFG. LTD. 9805-51 Avenue Edmonton, AB T6E 4W8
(Name and address of manufacturer) Manion LK

2. Manufactured for RESMAN OIL & GAS LTD. 4266-91 street Edmonton AB T6E 5V2 MLV-5, 08-36-37-18W4
(Name and address of purchaser)

3. Location of installation 8-36-37-18-W4 (A) 2827038
(Name and address)

4. Type vertical VS-6713 K8258.2 LD-2867A 1992
(Hour, or vert., tank) (Mfr's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

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
Year

6. Shell: SA-516-70 (Addenda (Date)) (12.7 mm) (Code Case No. -) (610 mm) Special Service per UG-120(d)
.5" 24" OD 3010 (9'-10 1/2")

7. Seams: single butt spot 85 n/r n/r single butt spot one
Mat'l. (Spec. No., Grade) (Mfr's serial No.) (CRN) (Drawing No.) (Nat'l. Bd. No.) (Year built)

8. Heads: (a) Mat'l. SA-516-70 (Spec. No., Grade) (b) Mat'l. SA-516-70 (Spec. No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness (mm)	Corrosion Allowance (mm)	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a) Top	.437 (11.1)	n.r.	-	-	S:E	-	-	-	concave
(b) Bottom	.437 (11.1)	n.r.	-	-	S:E	-	-	-	concave

If removable, bolts used (describe other fastenings) _____

9. MAWP (3447 kPa) 500 psi at max. temp. (38 °C) 100 °F
in. design metal temp. (-29 °C) -20 °F at 500 psi. Hydro., pneu., or comb. test pressure (5171 kPa) 750 psi.

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Mat'l.	Nom. Thk.	Reinforcement Mat'l.	How Attached	Location
			see attached U-4					

11. Supports: Skirt yes Lugs _____ Legs _____ Other _____ Attached welded - head
(Yes or no) (No.) (No.) (Describe) (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: IMPACT TESTS EXEMPT : PARA UG-20-F
(Name of part, item number, Mfr's name and identifying stamp)

TYPE: vertical separator W.O.# 3159 ITEM # VS-4
CAPACITY: 22.8 CU. FT. (0.6 CU. METER) WEIGHT: 2000 LBS (909 KG)
HYDROTEST POSITION: horizontal

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. 14254 expires Oct. 28, 1995.

Date 23 Dec 92 Co. name LARSEN & D'AMICO MFG. LTD. Signed W.C. Smith
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by LARSEN & D'AMICO MFG. LTD. at 9805-51 Avenue Edmonton, AB

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 Boiler & Pressure Vessel Safety

have inspected the component described in this Manufacturer's Data Report on _____, 19_____, 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 Dec 23/92 Signed [Signature] Commissions Alberta
(Authorized Inspector) (National Board (incl. endorsements), State, Prov. and No.)

