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MAY 3 1989

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 AMOCO CANADA PETROLEUM LTD., 444 7 AV. S.W. CALGARY, AB., T2P 0Y2
(Name and address of purchaser)

3. Location of installation VALHALLA LSD 6-21-75-11 W6M
(Name and address)

4. Type VERTICAL 4601-20 H7052.2 B4601-220 -- 1989
(HORIZ. OR VERT. TANK) (Mfg.'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 1986 Year
to A'87 Addenda (Date) --- Code Case Nos. --- Special Service per UG-120(d) ---

6. Shell: SA-516-70 9.5mm/.500" 1.6mm/.0625" 508mm/20" OD 3175mm/10'-5"
Matl. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. I.D. (ft. & in.) Length (overall) (ft. & in.)

7. Seams: WLD DBL BUTT FULL 100 -- -- WLD DBL BUTT FULL 1
Long. (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Dbl., Sngl., Lap, Butt) R.T. (Spot, Partial, or Full) No. of Courses

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

	Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knuckle Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)
(a)	TOP	12.4mm/.490"	1.6mm/.0625"	--	--	2:1	--	--	--	CONCAVE
(b)	BOT	12.3mm/.487"	1.6mm/.0625"	--	--	2:1	--	--	--	CONCAVE

If removable, bolts used (describe other fastenings) ---
(Matl., Spec. No., Gr., Size, No.)

9. MAWP 4964 KPA / 720 psi at max. temp. 38C / 100 °F
Min design metal temp. -29C/-20 °F at 720 psi. Hydro., pneu., or comb. test pressure 7447 KPA / 1080 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	3"	RFWN	SA-106-B	XXH	--	WELDED	SHELL
OUTLET	1	3"	RFWN	SA-106-B	XXH	--	WELDED	HEAD
DRAIN	1	2"	RFWN	SA-106-B	XXH	--	WELDED	HEAD
LIQ OUT	1	1"	COUP.	SA-105	6000	--	WELDED	SHELL

11. Supports: Skirt YES Legs -- Other -- Attached WELDED
(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: INLET SEPARATOR (V100)
(Name of part, item number, Mfg.'s name and identifying stamp)
VOLUME: .453m³ / 16ft³
IMPACTS N/A AS PER UG20f

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. 26, 1989.
Date MAY 3 1989 Co. name PRESSON MANUFACTURING LTD. Signed [Signature]
(Manufacturer)

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 BOILERS BRANCH
have inspected the component described in this Manufacturer's Data Report on MAY 3 1989, 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 persons' injury or property damage or a loss of any kind arising from or connected with this inspection.
Date MAY 3 1989 Signed [Signature] Commissions ALBERTA
(Authorized Inspector) (Nat'l Board (mat. endorsements), State, Prov. and No.)

