

**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

A 405067  
Form U1-A

1. Manufactured and certified by **PRESSON MANUFACTURING LTD 2103 - 8 ST., NISKU, ALBERTA, CANADA T9E 7Z1**  
(Name and address of Manufacturer)  
2. Manufactured for **RENAISSANCE ENERGY LTD 3000, 425 - 1 ST SW CALGARY, AB T2P 3L8**  
(Name and address of Purchaser)  
3. Location of Installation **STOCK UNIT**  
(Name and address)  
4. Type **HORIZONTAL** **5879 -22** **H5779.2** **STD2202** **—** **1996**  
(Horiz. or vert. tank) (Mfgr'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 **1995**  
to **—** **—** **—** (Year)

6. Shell: **SA106B** **5** **0625** **8.625" OD** **1'-4"**  
(Mat'l (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. ID (ft. & in.)) (Length (overall) (ft. & in.))  
7. Seams: **SMLS** **Full** **100** **—** **—** **TYPE 1** **FULL** **1**  
(Long. (Welded, Dbl., Sngl., Lap, Butt)) (RT (Spot or Full)) (Eff. (%)) (H.T. Temp. (°F)) (Time (hr.)) (Girth (Welded, Dbl., Sngl., Lap, Butt)) (RT (Spot, Partial or Full)) (No. of Courses)  
8. Heads: (a) Mat'l. **SA234WPB** (b) Mat'l. **SA234WPB**  
(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) <b>END</b>	<b>.4375"</b>	<b>.0625"</b>	<b>—</b>	<b>—</b>	<b>2:1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>CONCAVE</b>
b) <b>END</b>	<b>.4375"</b>	<b>.0625"</b>	<b>—</b>	<b>—</b>	<b>2:1</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>CONCAVE</b>

If removable, bolts used (describe other fastenings) \_\_\_\_\_  
(Mat'l, Spec. No Gr., Size, No.)

9. MAWP **1350** **psi** at max. temp. **150** **°F**  
Min design metal temp. **-20** **°F** at **655** **psi** Hydro., Pneu., or Comb. test pressure **2025** **psi**

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Material	Nom. Thickness	Reinforcement Material	How Attached	Location
<b>INLET/VENT</b>	<b>2</b>	<b>1"</b>	<b>TOL</b>	<b>SA105</b>	<b>3000#</b>	<b>—</b>	<b>WELDED</b>	<b>SHELL</b>
<b>OUTLET</b>	<b>1</b>	<b>1"</b>	<b>TOL</b>	<b>SA105</b>	<b>3000#</b>	<b>—</b>	<b>WELDED</b>	<b>SHELL</b>
<b>LG</b>	<b>2</b>	<b>3/4"</b>	<b>TOL</b>	<b>SA105</b>	<b>3000#</b>	<b>—</b>	<b>WELDED</b>	<b>SHELL</b>
<b>LC</b>	<b>1</b>	<b>2"</b>	<b>OPLG</b>	<b>SA015</b>	<b>3000#</b>	<b>—</b>	<b>WELDED</b>	<b>SHELL</b>

11. Supports: Skirt (yes or no) **Lugs** (No.) **Legs** **2** (No.) **Other** \_\_\_\_\_ (Describe) **Attached** **WELDED** (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: \_\_\_\_\_  
(Name of part, item number, Mfgr's name and identifying stamp)

GLYCOL ACCUMULATOR BOTTLE (LOC-301)  
IMPACT EXEMPT PER UG-20F  
VOLUME=0.59 Cu Ft 0.017 Cu M

**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 **SEPTEMBER 26**, 19 **98**  
Date: **Any 07/96** Co. Name: **PRESSON MANUFACTURING LTD** (Manufacturer) Signed: \_\_\_\_\_ (Representative)

**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 SAFETY ASSOCIATION** have inspected the component described in this Manufacturer's Data Report on **August 08, 1996**, 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 **August 08, 1996** Signed \_\_\_\_\_ (Authorized Inspector) Commissions **Aita # 82** Nat'l. Board (Incl. endorsements, State, Prov. and No.)