

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, Form U-1A

1. Manufactured and certified by PENFABCO LTD. 5720 - 103A STREET EDMONTON, ALBERTA, CANADA T6H 2J5
 2. Manufactured for Priority Projects Ltd. 1603 - 8 Street Nisku, Alberta T9E 7S7
 3. Location of Installation Stock Item

4. Type Horizontal (Name and address) PE 5141 (Drawing No.) 361-S-600 Rev. 0 (Year Built) 1998
 (Horiz. or vert. tank) (Mfr's serial No.) (CRN)

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)

6. Shell: Addenda (Date) 1997 Code Case Nos. N/A Special Service per UG-120 (a) 100' s/s
 SA-516-70N 1.6250" Cor. Allow. (in.) .125" Diam. ID (ft. & in.) 32.75' Length (overall) (ft. & in.)
 Type 1 Full Type 1 Full

7. Seals: Long (Welded, Dbl., Singl., Lap, Butt) RT (Spot or Full) Time (hr.) 1.67 Type 1 Full
 SA-516-70N SA-516-70N

8. Heads: (a) Mat'l. (Spec. No., Grade) (b) Mat'l. (Spec. No., Grade)

Location (Top, Bottom, Ends)	Minimum Thickness	Corrosion Allowance	Crown Radius	Knucide Radius	Elliptical Ratio	Conical Apex Angle	Radius	Flat Diameter	Side to Pressure Diameter
(a) End	1.568"	.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b) End	1.568"	.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) None

9. MAWP 1440 psi at max. temp. 1440 °F at 130 psi. Hydro., Pneu., or Comb. test pressure 2160 psi.
 Min. design metal temp. -20 °F

10. Nozzles, inspection and safety valve openings:

Purpose (Inlet, Outlet, Drain)	No.	Diam or Size	Type	Material	Nom. Thickness	Reinforcement Material	How Attached	Location
Inlet	1	6" 600#	RFWN	SA-105N	Sch XXH	SA-516-70N	Welded	Shell
Outlet	1	6" 600#	RFWN	SA-105N	Sch XXH	SA-516-70N	Welded	Shell
Water Out	1	2" 600#	RFWN	SA-105N	Sch 160	N/A	Welded	Shell
Oil Out	1	2" 600#	RFWN	SA-105N	Sch 160	N/A	Welded	Shell
LC	2	3" 600#	RFWN	SA-105N	Sch 160	SA-516-70N	Welded	Shell
HLSD	1	3" 600#	RFWN	SA-105N	Sch 160	SA-516-70N	Welded	Shell
PSV	1	2" 600#	RFWN	SA-105N	Sch 160	N/A	Welded	Shell
LC/Insp	2	3" 600#	RFWN	SA-105N	Sch 160	SA-516-70N	Welded	Shell

11. Supports: Skirt No Lugs No Legs No Other Saddles Attached Welded to Shell
 (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: None

(Name of part, item number, Mfr's. name and identifying stamp)
 Impact Tests Heads & Shell - Other Mat'l exempt per UG-200) & UCS-66(a)
 Volume: 1.880MG Horizontal 3 Phase Separator
 Continued on U-4 Supplementary Sheet

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. 14,363
 expires 12-28-98
 Date: July 22/98 Co. Name: PENFABCO LTD. Signed: M. Boyan (Representative)

CERTIFICATE OF SHOP INSPECTION
 Vessel constructed by Penfabco Ltd at Edmonton, Alberta, 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 Boilers Safety Association have inspected the component described in this Manufacturer's Data Report on July 22, 1998 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 July 22, 1998 Signed [Signature] Commissions [Signature] Nat'l. Board (incl. endorsements, State, Prov. and No.)
 (Authorized Inspector) (Representative)

