

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

A3027530

1. Manufactured and certified by Penfabco Ltd. 5720 - 103A Street, Edmonton, Alberta T6H 2J5
(Name and address of manufacturer)
2. Manufactured for Priority Projects Ltd. Box 638 Nisku, Alberta TOC 2G0
(Name and address of purchaser)
3. Location of installation Stock Item
(Name and address)
4. Type Vertical PE 4315 H9347.231 520 Rev. 0 - 1995
(How, or vers., 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 1992
Year

to 1993
Assemble (Date) Code Case No. Special Service per UG-120(a)
6. Shell: SA-516-70 1" .125" 18" 32'-0"
(Mat'l. (Spec. No., Grade)) (Nom. Thk. (in.)) (Corr. Allow. (in.)) (Diam. I.D. (ft. & in.)) (a) (b) Length (overall) (ft. & in.)
7. Seams: WSB Full 100% - - Mig Root WSB Spot 3
(Type, (Welded, Dbl., Sngl., Lap, But)) (R.T. (Spot or Full)) (Eff. (X)) (H.T. Temp. (°F)) (Time (hr)) (Type (Welded, Dbl., Sngl., Lap, But)) (R.T. (Spot, Partial, or Full)) (No. of Courses)
8. Heads: (a) Mat'l. SA-516-70 (b) Mat'l. 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	.938"	.125"			2:1				Concave
(b) Bottom	.938"	.125"			2:1				Concave

If removable, bolts used (describe other fastenings) _____ (Mat'l., Spec. No., Gr., Size, No.)
9. MAWP 1440 psi at max. temp. 100 °F
Min. design metal temp. -20 °F at 1440 psi. Hydro., pneu., or comb. test pressure 2160 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
Inlet	1	3" 600#	RFWN	SA-105N/SA-106-B	sch 160	SA-516-70	Welded	Shell
Outlet	1	3" 600#	RFWN	SA-105N/SA-106-B	sch 160	SA-516-70	Welded	Top Head
Drain	1	1 1/2" 6000#	Cplg	SA-105N/SA-106-B	sch XXH		Welded	Bottom Head
Water Out	1	1" 6000#	Cplg	SA-105N			Welded	Shell

11. Supports: Skirt Yes Lugs 2 Legs _____ Other _____ Attached Skirt-welded to bottom Head
(Yes or no) (No.) (No.) (Describe) (Describe) (Others 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:
Ultimate owner: Priority Projects Ltd. Box 638 Nisku, Alberta TOC 2G0
Manufactured to Dwg. 4313-600 Rev. 0
Impact tests not required Per UG20(f) 1 to 5
Volume: 1.66^{lit} Glycol Absorber
Continued on U-4 Supplementary Sheet

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. 14,383 expires 1-10, 1996.
Date Jan-19-95 Co. name Penfabco Ltd. Signed C. J. Flanagan
(Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION
Vessel constructed by Penfabco Ltd. at Edmonton, 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 Labour Boiler and Pressure Vessel Safety have inspected the component described in this Manufacturer's Data Report on Jan 19, 1995, 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 Jan 19, 95 Signed [Signature] Commissions Alberta #84
(Authorized Inspector) (Nat'l Board (incl. endorsements), State, Prov. and No.)

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

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(Name and address of manufacturer)

2. Manufactured for Priority Projects Ltd. Box 638 Nisku, Alberta TOC 2G0
(Name and address of purchaser)

3. Location of installation Stock Item
(Name and address)

4. Type Vertical PE 4315 H9347.23 1 520 Rev. 0 - 1995
(Vessel, vert., tank, etc.) (Mfg.'s. serial No.) (CRN) (Draw) (Nat'l. Bd. No.) (Year built)

Date Report	Item Number	Remarks				
	Coil	2	1"	6000#	Cplg SA-105N	Welded Shell
	GG	2	3/4"	6000#	Cplg SA-105N	Welded Shell
	Inspection	2	2"	6000#	Cplg SA-105N	Welded Shell
	Drains	11	1"	6000#	Cplg SA-105N	Welded Shell
	GG	2	3/4"	6000#	Cplg SA-105N	Welded Shell
	LLC	1	2"	6000#	Cplg SA-105N	Welded Shell
	TI	1	3/4"	6000#	Cplg SA-105N	Welded Shell
	PI	1	1/2"	6000#	Cplg SA-105N	Welded Shell
	Glycol Out	1	1"	6000#	Cplg SA-105N	Welded Shell
	Coil	1	1"	6000#	Cplg SA-105N	Welded Shell
	PSV	1	2"	6000#	Cplg SA-105N	Welded Shell
	Cond. Out	1	1"	6000#	Cplg SA-105N	Welded Shell
	LLC	1	2"	6000#	Cplg SA-105N	Welded Shell
	HLSD	1	2"	6000#	Cplg SA-105N	Welded Shell

Date Jan-19-95 Co. name Penfabco Ltd. Signed Chy Flacka
(Manufacturer) (Representative)

Date Jan 19, 95 Signed Satnam Dhill Commissions Alberta #64
(Authorized Inspector) (Nat'l. Board (incl. endorsements), State, Prov., and No.)