

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

A496249

(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
(Name and address of Manufacturer)
2. Manufactured for Platinum Energy Services Corp. 750, 333 - 11th Avenue S.W. Calgary, Alberta T2R 1L9
(Name and address of Purchaser)
3. Location of Installation Stock Item
(Name and address)

4. Type Horizontal PE 8075 P3264.213 PE 6682 Rev. 0 N/A 2003
(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 2001
to 2002 N/A N/A 2001
(Year)

6. Shell: SA-516-70N 1.125" .125" 39.75" 10'0" s/s
Mat'l. (Spec. No., Grade) Nom. Thk. (in.) Corr. Allow. (in.) Diam. ID (ft. & in.) Length (overall) (ft. & in.)

7. Seams: Type 1 Full 100% N/A N/A Type 1 UW11(a)5(b) 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. SA-516-70N (b) Mat'l. SA-516-70N
(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) End	1.0"	.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b) End	1.0"	.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) None
(Mat'l., Spec. No., Gr., Size, No.)

9. MAWP 720 psi at max. temp. 130 °F
Min. design metal temp. -20 °F at 720 psi. Hydro., Pneu., or Comb. test pressure 936 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
Inlet & Gas Outlet	2	8" 300#	RFWN	SA-105N	.875"	SA-516-70N	UW16.1(c)	Shell
Liquid Outs	2	2"	Cplg	SA-105N	3000#	N/A	UW16.1(a)	Shell
HLSD, LLC's, PSV	4	2"	Cplg	SA-105N	3000#	N/A	UW16.1(a)	Shell
Inspection & Drain	2	2"	Cplg	SA-105N	3000#	N/A	UW16.1(a)	Shell
TI	1	3/4"	Cplg	SA-105N	6000#	N/A	UW16.1(a)	Shell
LG's	4	3/4"	Cplg	SA-105N	6000#	N/A	UW16.1(a)	Shell
PI	1	1/2"	Cplg	SA-105N	6000#	N/A	UW16.1(a)	Shell
Manway	1	18" 300#	RFWN	SA-105N	.750"	SA-516-70N	UW16.1(c)	End Head

11. Supports: Skirt No Lugs 0 Legs 0 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: N/A
(Name of part, item number, Mfgr's name and identifying stamp)

Impact Tests Are Exempt Per UG20(f)1-5, UCS-66(a), UCS-66(b) & UCS-66(c)

Volume: 101.2 cu. ft. (2.86 m3)
3 Phase Horizontal Separator Manufactured to Dw PE-7878-1 Rev 0

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 12-28, 2004
Date: May 1, 2003 Co. Name: PENFABCO LTD Signed: M. Bayin
(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 Boilers Safety Association have inspected the component described in this Manufacturer's Data Report on May 1, 2003, 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 May 1, 2003 Signed H. Blay Commissions AB95
(Authorized Inspector) (Nat'l. Board (Incl. endorsements, State, Prov. and No.))