

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS
 (Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
 As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

Pinto
 502024

1. Manufactured and certified by IPS Manufacturing Limited, LSD: 1-16-40-16-W4M, Alberta Canada (Box 24, Halkirk, AB T0C 1M0)
 (Name and address of Manufacturer)

2. Manufactured for Devon Canada Corporation, 3100, 400 - 3rd Ave SW Calgary AB. T2P 4H2
 (Name and address of purchaser)

3. Location of installation LSD: 10-15-56-27 W5M
 (Name and address)

4. Type Horizontal Sep. V-2396-002 R 6058.2 IPS-48H-700 Rev 0 N/A 2004
 (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 specification of the ASME BOILER AND PRESSURE VESSEL
 CODE The design, construction, and workmanship conforms to ASME Rules, Section VIII, Division 1 2001

to 2003 N/A N/A
 Addenda (Date) Code Case Nos. Year

6. Shell: SA-516-70N 1.00" 0.125" 48" ID 16' 0" S/S
 Mat'l. (Spec. No., Grade) Nom. Thk (in.) Corr Allow. (in.) Diam I.D (ft. & in.) Length (overall) (ft. & in.)

7. Seams Type 1 Full 100% N/A N/A Type 1 *Spot 2
 Long (Welded, Dbl., Singl., Lap, Butt) R T (Spot or Full Eff. (%)) H T Temp (F) Time (hr) Girth (Welded, Dbl., Singl., Lap, Butt) R T (Spot Partial or Full) No. of Courses

8. Heads: (a) Material SA-516-70N (b) Material 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	1.0625"	0.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave
(b)	END MNWY	1.0625"	0.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave

If removable, bolts used (describe other fastenings) N/A

9 MAWP 700 psi at max. temp 160°F
 Min. design metal temp -20°F F at 700 psi (Hydro, pres., or comb. test pressure) 1050 psi
 (Mat'l., Spec. No., Gr., Size, No)

10. Nozzels, inspection and safety valve opening.

Purpose (Inlet, Outlet, Drain)	No.	Diam. or Size	Type	Material	Nominal Thickness	Reinforcement Materials	How Attached	Location
(M1) Manway/Insp	1	18" 300#	RFLWN	SA-105N	1.5"	N/A	Fig. UW-16.1(c)	Head
(N2) INLET	1	8"300#	RFLWN	SA-105N	1.125"	N/A	Fig. UW-16.1(c)	Shell
(N3) GAS OUTLET	1	8"300#	RFLWN	SA-105N	1.125"	N/A	Fig. UW-16.1(c)	Shell
(N4) HC CAGE	1	2" 300#	RFWN	SA-105N/SA-106B	0.344"	N/A	Fig. UW-16.1(c)	Shell

11 Supports Skirt No Lugs Two Legs Two Other N/A 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

Capacity: 218.4 Cu. Ft (Name of part item number Mfg's name and identifying stamp)
 Construction drawing # V-2396-002 Rev.2 Continued on U-4 Supplementary Sheet
 **Charpy impact testing exempt per UCS-66, UCS-66(b)(1)(b), & UG-20(f)1-5
 * Spot Radiography in accordance with UW - 11(a)(5)(b)

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. 31,246, expires August 20, 2005.

Date March 12, 2004 Co name IPS Manufacturing Limited, LSD: 1-16-40-16-W4M Signed Christine Kelly
 (Manufacturer) (Representative)

CERTIFICATE OF SHOP INSPECTION

Vessel constructed by IPS Manufacturing Limited, LSD: 1-16-40-16-W4M at Halkirk, Alberta, Canada

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 March 10, 2004, 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 March 12, 2004 Signed [Signature] Commissions AB# 130AB
 (Authorized Inspector) (Nat'l Board (incl. Endorsement), 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

1. Manufactured and certified by IPS Manufacturing Limited, LSD: 1-16-40-16-W4M, Alberta Canada (Box 24, Halkirk, AB T0C 1M0)
(Name and address of Manufacturer)

2. Manufactured for Devon Canada Corporation, 3100, 400 - 3rd Ave. SW Calgary AB. T2P 4H2
(Name and address of Purchaser)

3. Location of installation LSD: 10-15-56-27 W5M
(Name and address)

4. Type: Horizontal Separator V-2396-002
(horizontal, vertical or sphere) (Tank, separator, heat exch., etc.) (Mfg's serial No.)
R 6058.2 IPS-48H-700 Rev. 0 N/A 2004
(CRN) (Drawing No.) (Nat'l Bd. No.) (Year Built)

Data Report

Item Number	Remarks				
(N5) H2O LC Cage 1	2" 300# RFWN SA-105N Flange/2" Sch.160 (0.344") SA-106B Pipe	Fig.UW-16.1 (c)	Shell		
(N6) HC CAGE 1	2" 300# RFWN SA-105N Flange/2" Sch.160 (0.344") SA-106B Pipe	Fig.UW-16.1 (c)	Shell		
(N7) PSV 1	3" 300# RFLWN SA-105N FVC Flange (0.81"wall)	Fig.UW-16.1 (c)	Shell		
(N8) H2O OUT 1	3" 300# RFLWN SA-105N FVC Flange (0.81"wall)	Fig.UW-16.1 (c)	Shell		
(N9) HC OUT 1	3" 300# RFLWN SA-105N FVC Flange (0.81"wall)	Fig.UW-16.1 (c)	Shell		
(N10)H2O LC CAGE 1	2" 300# RFWN SA-105N Flange/2" Sch.160 (0.344") SA-106B Pipe	Fig.UW-16.1 (c)	Shell		
(N11) HC DRAIN 1	2" 300# RFWN SA-105N Flange/2" Sch.160 (0.344") SA-106B Pipe	Fig.UW-16.1 (c)	Shell		
(N12) PI 1	2" 300# RFWN SA-105N Flange/2" Sch.160 (0.344") SA-106B Pipe	Fig.UW-16.1 (c)	Shell		
(N13) TI 1	2" 300# RFWN SA-105N Flange/2" Sch.160 (0.344") SA-106B Pipe	Fig.UW-16.1 (c)	Shell		
(N14) WATER DRN 1	2" 300# RFWN SA-105N Flange/2" Sch.160 (0.344") SA-106B Pipe	Fig.UW-16.1 (c)	Shell		

Certificate of Authorization: Type U No. 31,246 Expires August 20, 2005

Date March 12, 2004 Name IPS Manufacturing Limited Signed *Christine Kelly*
(Manufacturer) (Representative)

Date March 12, 2004 Name *[Signature]* Commission AB# 130AB
(Authorized Inspector) (Nat'l board incl endorsement State, Province and No.)



W
R 72

2004

4810 X 160 HORIZONTAL SEP.

700

-20

1.000

R6058.2

V2396-002

1.00

700

L0625

0.125

A 502024

JOB 2396-001