## 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

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				<del></del>								
1. Manuf	actured and ceri	tified t	by IPS Manuf	acturing Lim	ited, LS				anada (Box 24, Ha	lkirk, AB TOC 1M	0)	
2. Manuf	actured for		Devon Canada Corp	oration, 200	0, 400 -			Manufacturer) pary AB, T2P	4H2			
3. Locatio	on of installation		Goodfish Area (T	789-97, R6	-11 W		ime and add	iress of purchase	r)			
			V 2007 004F	T00446	`	•	and addres	•	N1/A		2005	
4. Type	Vertical Sep.		V-3207-001E (Mfgr's serial No.)	T0344.2	<u>-</u>	iPS-16	V-/4U-I (Drawin	VEW-REV	N/A (Natil, Bd.No)	-	2005 (Year Built)	
C. The she	,		·	ν-			•	•	, ,	CHIDE VECCEI		
			perties of all parts mee on, and workmanship (						2001	SONE VESSEE		
OODE.	The design, con	311 (101)	on, and workmanship t	Lomonna to A	JIVIC 1 101	es, secilo	,, v.,, 0,v,	SIOIL		Year	•	
to	2003							20/47				
6 Chall		Ida (Date)         Code Case Nos.         Special Service per UG-120(c           SA-106B         0.844"         0.125"         16" OD         7' 6" S/S							20(0)			
6. Shell:		Matt. (Spec. No., Grade) N			Nom, Thk. (in.) Con, Allow,			Diam. I.D. (ft. &	ın.)	Length (overali) (ft. & i	n.)	
7. Seams	S		N/A R.T. (Spot or Ful	100%	1	150°F		75 min	Type 1	Full	1	
	Long. (Welded, Di			I) Eff. (%) H.T. Temp (F)			_	Time (hr)	Girth (Welded, Dbl Singl., Lap, Butt)	., R.T. (Spot, Partial or Full)	No. of Courses	
8 Heads	Sngl., Lap, Butt) (a) Material	J	SA-5	16-70N	16-70N			(b) Material	Sings., Lap, Butty			
0. 110003.	(a) motoria			No., Grade )			•	(b) Molona	<del></del>	SA-516-70N (Spec. No., Grade )		
	Location (Top	), T	Minimum	Corrosion	Crown	Knuckle	Elliptical	Conical	Hemispherical	Flat	Side to Pressure	
C .	Bottom, Ends		Thickness	Allowance	Radius		Ratio	Apex Angle	Radius	Diameter	(Convex or Concave)	
(a)	Тор	_	0.65	0.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave	
(b)	Bottom	i_	0.65l	0.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave	
	If removable, bolts	s used	(describe other fasten	ings)		N/A		tMatt	Spec. No., Gr., Size,	No.)		
9. MAW P			740		osi at r	nax. temp	,	100°F		·		
	ign metal temp.		- 20°F		– Fat	740			mb. test pressure	1110	psi.	
Will. GCS	gir metar temp.		<del></del>		- F at		paragraph	9 p.1.00., 01 00	•		-	
10. Nozze	ls, inspection and	safety	7		<del></del>			<b>T</b>		T	<del></del>	
	Purpose	No.	Diam.	Type	ŀ	Materia	,t	Nominal	Reinforcement	How	Location	
	Outlet, Drain)	<del>  -</del>	or Size	RFWN	CA 1	105N/S/	1 106B	Thickness 0.438"	Materials N/A	Attached	Shell	
(N1) G	as Met as Outlet	1	3" 300# 3" 300#	RFWN	<del></del>	05N/S/		0.438"	N/A	Fig. UW-16.1(c) Fig. UW-16.1(c)	Top Head	
(N3) H		1	3" 300#	RFWN	4	05N/S/		0.438"	N/A	Fig. UW-16.1(c)	Shell	
	ond. LC	+	3" 300#	RFWN		05N/S/		0.438"	N/A	Fig. UW-16.1(c)	Shell	
(11-7)	3110. 20	<u> </u>	0 000 1			31/A		<del></del>				
11. Supp	orts: Skirt		ES Lugs	N/A (No.)	Legs	N/A (No.)	Other	Baseplate	Attached	Welded to SI		
12 Roms	arke: Manufacture		rtial Data Reports prop		and sing	,	mmissione		ave been furnished	•	-	
12. Denie	the report:		N/A	erry identified								
	Capacity: 9.3	Cu. F	······································		(Name	of part, ite		•	dentifying stamp) pplementary Shed	et		
	Construction of	rawin	g # V-3207-001E R	ev.1								
	"Charpy impa	ct tes	ting exempt as per L						1)(b) & UCS-66(b	0)(2)		
				= -			OP COMP					
			made in this report ar are Vessels, Section VI								IIOFIII	
_									annies nous	(		
Date	February 25. 7	2005	Co.name IPS Manufa		iulacturer)		D-44 (41A)	_ Signed		(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		ABSA				to the best of	-	
have inspected the component described in this Manufacturer's Data Report on February 25, 2005, 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	Date February 25, 2005 Signed Commissions AB# 130AB Nat'l Board (incl. Endorsements) State.											
1				Authorized I	napector						nd No.)	

## FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET @ 527923 As Required by the Provisions of the ASME Code Rules, Section VIII, Divison 1

Manufactured and ce	rtified by	IPS Manufa	acturing Limited	i, LSD: 1-16-40-	16-W4M, All	berta Canada (E	Box 24, Halkirk, AB TOC	IM0)
Manufactured for	Devon Canada	Corporation, 2	000. 400 - 3rd /	Ave SW, Calgary	•		idiacioler)	
				(N	ame and addre	ss of Purchaser)		
3. Location of installation	1 <u></u>	Goodfish	Area (T89-9	7, R6-11 W5N	(Name and	( address )		
4. Type:	Vertical			Separator	(Name and	, uddiess)	V-3207-001E	
	ontal, vertical or shper	e)	(Tank, se	parator, heat exh., etc	:.)		(Mfg's serial No.)	
	T0344.2		IPS-16V-7	40-NEW-RE	V 0		N/A	2005
<del></del>	(CRN)			(Drawing No.)		(	Nat'i. Bd. No.)	(Year Built)
Data Report								
Item Number					Remarks			
(N5) WATER LC	1 3" 300#	RFWN SA-	105N Flange	e/3" Sch.160 (	).438") SA	106B Pipe	Fig.UW-16.1 (c)	Shell
(N6) Drain	1 2" 300#	RFWN SA-	105N Flange	2" Sch.160 (	).344") SA	106B Pipe	Fig.UW-16.1 (c)	Bottom Head
(N7A) Inspection	1 3" 300#	RFWN SA-	105N Flange	e/3" Sch.160 (	).438") SA	106B Pipe	Fig.UW-16.1 (c)	Shell
(N7B) Inspection	1 3" 300#	RFWN SA-	105N Flange	e/3" Sch.160 (	).438") SA	106B Pipe	Fig.UW-16.1 (c)	Shell
(N8) PSV	1 2" 300#	RFWN SA-	105N Flange	e/2" Sch.160 (	).344") SA	106B Pipe	Fig.UW-16.1 (c)	Sheli
(C1) PI	1 1/2" 30	00# TOL SA	-105N				Fig.UW-16.1 (a)	Shell
(C2) TI	~~~	00# TOL SA					Fig.UW-16.1 (a)	Shell
(C3a/b) COND LG		00# TOL SA					Fig.UW-16.1 (a)	Shell
		00# 1C\. SA			<del> </del>		Fig.UV' 16.1 (a)	Shell
(C5) PSV		# TOL 5A-1					Fig.UW-16.1 (a)	Shell
(C6) HC Outlet		# TOL S/1				37177	Fig.UW-16.1 (a)	Shell
100) 110 001101							Maria de la companya della companya della companya de la companya de la companya della companya	
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Certificate of Authorizati	on: Type	U	No.	31,246		Expires	August 20, 2095	4-
Sales -	~. OE 000E	NI	IBC(Man)	ifooturing Lie	nitod (	Signed		
Date <u>Februar</u>	y 25, 2005	Name _	175(Manua	facturing Lin	ineu s	Signed	(Represen	tative)
Dale Februar	y 25, 2005	Name	XX		_ (	Commission	AB# 130AB	
			(Auth	orized Inspector)			(Nat'l board incl. e	