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

(Alternative Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only) (ようてつらった) As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

												
1	Manufa	actured and cert	ufied t	y IPS Manuf	acturing Limi					anada (Box 24, Ha	alkirk, AB TOC 1M	0)
(Name and address of Manufacturer) 2. Manufactured for Devon Canada Corporation, 2000, 400 - 3rd Ave SW, Calgary AB, T2P 4H2							:					
Location of installation G			(Name and address of purchaser) Goodfish Area (T89-97, R6-11 W5M)									
-								and addres	s)			:
4,	Туре	Vertical Sep.		V-3207-001B	T0344.2	<u> </u>	IPS-16	5V-740-N	NEW-REV	0 N/A _	_	2005
	• ,	(Horiz, or vert, tank)	(Mfgr's serul No.)	(CAN)	-		(Drawing	j No.)	(Nat'l. Bd.No)	-	(Year Built)
5	The che	mical and physic	al croc	erties of all parts mee	t the requirem	ents of m	naterial sp	ecification	of the ASME I	BOILER AND PRES	SURE VESSEL	
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.											:	
The design, conditioning and working on the transfer of the design of the design, conditioning of the design of th									Year			
	to	2003		N/A					N/A	2014)		
		Adder	•	Code Case Nos.				16" OD	•	Special Service per UG-1	120(0)	
6.	Shell: SA-106B Mail. (Spec. No., Grac				0.844" 0.125" Nom. Thic. (in.) Corr. Allow. (in.)			Diam. I.D. (ft. &				
	.	-	(Spac.)	N/A					75 min	Type 1	Full	1
7.	Seams	S Long. (Welded, Dr	bl	R.T (Spot or Ful	100% Eff. (%)	<u>н</u> .	150°F	-	Time (hr)	Girth (Welded, Dbl		No. of Courses
		Sngl., Lap, Butt)		-,					Singl., Lap. Butt) Partial or Full)			
8.	Heads:	(a) Material		SA-516-70N (b					(b) Material SA-516-70N			
				(Spec.	No., Grade)				,,,,,,		(Spec. No., Grade)	
		Location (Top).	Minimum	Correston	Crown	Knuckle	Elliptical	Conical	Hemispherical	Flat	Side to Pressure
		Bottom, Ends)	<u> </u>	Thickness	Allowance	Radius	Radius	Ratio	Apex Angle	Radius	Diameter	(Convex or Concave)
(a (b)	Тор		0.65	0.125"	N/A	N/A	2.1	N/A	N/A	N/A	Concave
(b)	Bottom		0.65	0.125"	N/A	N/A	2:1	N/A	N/A	N/A	Concave
	ı	f removable, holts	s used	(describe other faster	lings)		N/A	·	***	0 6 6 6		
									•	Spec. No., Gr., Size, I	NO.)	
9.	MAWP			740		_ps: at r	nax. temp		100°F			
M	in. desi	gn metal temp.		- 20°F		F at	740	pa. Hydro	pneu., or co	omb. test pressure	1110	psi.
10	Alamai	in Ingagation and	calab	cuplus or coince				-				
10.		is, inspection and	1	<u> </u>	T	T	Materia		Nominal	Reinforcement	How	Location
Purpose No			NO.	Diam.	Туре	Material			l		Attached	Localion
(Inlet, Outlet, Drain)			1	or Size 3" 300#	RFWN	SA-105N/SA-106B			Thickness 0.438"	Materials N/A	Fig. UW-16.1(c)	Shell
	1117 1000 111101		1	3" 300#	RFWN	SA-105N/SA-106B		0.438"	N/A	: ig. un7-15.1(c)	Top Head	
_	(N2) Gas Outlet				RFWN	SA-105N/SA-106B		0.438"	N/A		Shell	
<u> </u>	(N3) HLSD			3" 300#	RFWN	SA-105N/SA-106B		0.438"	N/A	Fig. UW-16.1(c)	Shell	
((IV	4) 00	ond. LC	<u> </u>	3" 300#	LLAAIA	SA-I	CONCO	4-100D	0.430	IVA	Fig. UW-16.1(c)	Jones
11.	Suppo	orts: Skirt	Υ	es Lugs	N/A	Legs	N/A	Other	Baseplate	e Attached	Welded to SI	kirt
			(ye	e or no)	(No.)	•	(No.)	-	Describe		(Where a	1 '
12.	Rema		ers Pa	rtial Data Reports prop	erly identified	and sign	ed by Cor	mmissione	d Inspectors h	ave been furnished	for the following item	s of
		the report:		N/A		(Name	of part, ite	m number, i	Afg's name and	Identifying stamp)		
		Capacity: 9.3				,				pplementary Shee	et	
		Construction of	Irawin	g # V-3207-001B R	ev.1	7188 A	A/I 1/A1 I	100 007L	VZIVINA ELITA	S 66/LV(A)	·	
_		**Charpy impa	ict tes	ting exempt as per U						5-66(0)(2)	······································	
								OP COMPI				
				made in this report ar								itorm
1	to the			re Vessels, Section VI							124.2005.	
l	Date	February 9, 2	005	Co.name IPS Manufa			1-16-40-16	6-W4M	Signed	KOV	(Representativa)	
⊢	(Manufacturer) (Representative) CERTIFICATE OF SHOP INSPECTION											
				0.14						Alberta, Canad	da	
		I constructed by		S Manufacturing Limite				at	-			-
	I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Frovince of											
		Alberta			and employed		ABSA		200E	and etate tha	t to the hest of	-
ı	have inspected the component described in this Manufacturer's Data Report on February 9, 2005, and state that, to the best of											
	my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASi.*** 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 *:anufacturer's											nufacturer'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.											
	Commissions AB# 130AB											
	Date	i euruar	y J, Z	-000 Oigned	Authorized In	nspector					Nat'l Board (incl. Ei	ndorsements) State.

FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET @ 527818 As Required by the Provisions of the ASME Code Rules, Section VIII, Divison 1

Manufactured and ce	rtified	by	IPS Manu	facturing Limited, L			Box 24, Halkirk, AB TOC 1	M0)			
2. Manufactured for	Dev	on Canada C	ornoration (2000 400 - 3rd Av	،) e SW, Calgary AB, T2	Name and address of Ma	nuracturer)				
		on Odnada O	orporation, i	2000, 400 ° 310 AVI		address of Purchaser)		····			
3. Location of installation	•										
				(Name and address)							
4. Туре:		tical			eparator		V-3207-001B (Mg's serial No.)				
(horizontal, vertical or shpere) T0344.2 (CRN)					ator, heat exh., etc.)		2005				
					0-NEW-REV 0 awing No.)		N/A (Nat'l. Bd. No.)				
				,				(Year Built)			
Data Report					•						
Item Number					Remark	S					
(N5) WATER LC	1	3" 300#	RFWN SA	-105N Flange/3	" Sch.160 (0.438")	SA 106B Pipe	Fig.UW-16.1 (c)	Shell			
(N6) Drain	1	2" 300#	RFWN SA	-105N Flange/2	" Sch.160 (0.344")	SA 106B Pipe	Fig.UW-16.1 (c)	Bottom Head			
(N7A) Inspection	1	3" 300#	RFWN SA	-105N Flange/3	" Sch.160 (0.438")	SA 106B Pipe	Fig.UW-16.1 (c)	Shell			
(N7B) Inspection	1	3" 300#	RFWN SA	-105N Flange/3	" Sch.160 (0.438")	SA 106B Pipe	Fig.UW-16.1 (c)	Shell			
(N8) PSV	1	2" 300# !	RFWN SA	-105N Flange/2	" Sch.160 (0.344")	SA 106B Pipe	Fig.UW-16.1 (c)	Shell			
(C1) PI	1	1/2" 300	0# TOL SA	A-105N			Fig.UW-16.1 (c)	Shell			
(C2) TI	1	3/4" 300	0# TOL S/	A-105N			Fig.UW-16.1 (a)	Shell			
(C3a/b) COND LG	2	3/4" 300	0# TOL S/	\-105N			Fig.UW-16.1 (a)	Shell			
(C4a/b) WATER LG	2	3/4" 300	0# TOL S/	4-105N			Fig.UW-16.1 (a)	Shell			
(C5) PSV	1		TOL SA-				Fig.UW-16.1 (a)	Shell			
(C6) HC Outlet	1		TOL SA-				Fig.UW-16.1 (a)	Shell			
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					-						
Certificate of Authorization	on:	Туре	U	No	31,246	Expires	August 20, 2005				
							77//				
Date Februar	y 9,	2005	Name		cturing Limited	Signed	150				
Data Cobraco		2005	N	Manufacture	or)		(Representat	ve)			
Date <u>Februar</u>	у Э,	2000	_ Name _	(Authorize	ed Inspector)	Commission	AB# 130AB (Nat'l board incl. end	orsement.			
				4			Ctate Drawings o				