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



			As Rec	quired by	the Provisi	ons of the ASI	/IE Code Ru	les, Section V	'III, Division '		0.00 100			
١.	Manufactured	and certif	ied by DA	CRO INI	USTRIES	5 LTD. 932	5-51 Ave	nue, EDMO	NTON, Alb	erta. T61	E 4W8			
2.	Manufactured	forPEA	CE PIPE	LINE L	JD., 70	07-8 Avenu	e, S.W.,		Alberta.	T2P 2M7				
3.	Location of in	stallation	CONTRACT OF THE PARTY OF THE PA	Fox Cr	eek, Al									
	77 -		1	96-824-	7 A	M-9234.2	bbs bns smsN)	es) 819-1-1 . R						
4.	Type	rizont	1 Bd No.)	1.995										
5.	The showing	and ph	usalasi mrons	(Migr's ser		(CRN)		rawing No.)						
٥.						et the requiren conform to AS				199	AND PRESSURE			
							1112 (10100) 00	J. J	31011 1	Year	The second secon			
	10	Α.	1994			Co	ie Case Nos.		the same of the sa	Special Service per U	2 deal II			
		A-516-	•		875(22.			13'-1" (4	000)					
6.	Shell:	-	pec. No., Grade)		Nom. Thk, (i		11ow. (in.)		1.0. (ft. & in.)		"-0" (30480)			
7	Saame. I	bl. But	t : ·	Full -	- 1	100%	200 esq est	Db1	Butt	Full	10			
	Long (Welded, Obl., R.T. (Spot or Full) Eff. (%) H.T. Temp. (°F) Time (hr) Girth (Welded, Obl., R.T. (Spot, Partial, No. of Courses													
8. Haads: (a) Matl. SA-516-70N (b) Matl. SA-516-70N (spec. No., Grade) (Spec. No., Grade)														
		·		(Spec. I	va., Grade)				(S _F	ec. No., Grade)	- and an analysis of			
	Location (Top, Bottom, Ends)		iess Allo	rrosion owance	Crown Radius	Knuckle:: Radius	Elliptical Ratio	Conical Apex Angle	Hemispherical Radius	Flat Diameter	Side to Pressure (Convex or Concave)			
(a)	THE RESERVE THE PARTY OF THE PA		5.65).0			- m m	2:1	cols over	. 000 049	en in .	Concave			
(6)	Right 1	. 1015 (2	5.78).0	0(I.3).			2:1	ed bo		dent dark	Concave			
!	If removable, botts used (describe other fastenings). Nov 29/33 (Mad. Spoc. No., Gr., Size, No.)													
0	(1210 LDan) 177 76 1/00 22/23													
	Min. design me				, 177	7	max, temp,_	mb. test pressur	(10(1)		285 psi			
	Nozzles, Inspe				(1219kI	ag)	ar, pricar, or oc	mo, test pressur	G management		psi.			
(In	Purpose nlet, Outlet, Drain)	No.	or Size	Туре -	1	Mail,	Nom.		forcement Matl,	How Attached	Location			
					-									
	SEE ATT	ACHED	U-4 FOR	M										
				:	1.	· ·			Made State State of the House of the Workshop of State of the State of					
1.	Supports: Ski	rt No	Lugs_	(No)	_Legs	(No.)	Sado	0	Attached	Shell-V	Velded			
										: .	3 A 20 20 20 20 20 20 20 20 20 20 20 20 20			
2.		wo Pie	's Partial Dat ece Weld	ed Head	roperly ide	3-3/8, E	d by Commis imon ton	loned Inspecto Exchanger	rshave been fu & Refine	rnished for the	following Items of ces Ltd.			
	_the report:	· · · · · · ·				me of part, item number,	Migr's, nems and ide	ntifying stamp)						
			TANK (40					4126 Ft.3	$3(400 M^3)$, I.T. E	XEMPT			
. ;-	- Cittideedokoooooninistäänistoo	The State of The State of Stat	. UCS-6		SSEL BUI	LT TO REV	.3,		MANUAL CONTRACTOR OF THE PARTY					
	CHANGE	MADE 1	O VOLUM	E										
		7				TIFICATE OF S			,					
									2/970	d workmanshi expires Ma	p of this vessel con-			
,	Torm to the AS	12/	Co. na	DA	CRO INI	ivision 1. "U" COUSTRIES I	TD.	Authorization i	No. J.	expires 220	, 19 20.			
- (CER	[Manufacturer]	SHOP INCOR	CTION		[Representative]				
	Vessel construc	ted by	DAC	RO INDU	ISTRIES	TIEICATE OF	aî		EDMONT	ON				
		ned, hold 1berta			issued by t	Alha	erta Boiler	end Pressure V Lers Safe	essel Inspector	s and/or the S ation	tate or Province of			
ı	have Inspected	the comp	onent describ	ed in this M	lanu facture:	's Data Report	on Dec	12	, 19	and state	that, to the best of			
											ision 1. By signing			
											cribed in this Manu-			
							er shall be lia	ble in any mar	nner for any pe	rsonal injury	or property damage			
	or a loss of any	kind arisi	ng from or co		ith this inso	Plane	. ,	Commissions	All	on To	生多人			
	Dataere	177	signed		lAutho	Hzed Inspector)	······· ((ind endorsements), 5	itate, Prov. and Na.			

NOV 2 2 2023

This form (E00117) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Feirfield, NJ 07007-2300.

NB 16251 D00009229
REPRINT 1/94

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

Manufactured and certified	d by _	DAC	RO INDUSTRIES LTI			EDMONTON, A1	berta. T	6E 4W8
2. Manufactured for	PEAC	E PIPE	LINE LTD., 707-8		of Menufecturer) ., Calga	ary, Alberta	. T2P 2M	7
				(Name and address of Pur	rchaser)			
3. Location of installation		Fox	Creek, Alberta.		•			
				(Name and add	resel			
4. Type: Horizo			C3+ STORAGE TA				-824-1A	
(Horiz., w	or sphere	d)		, heet exh., etc.)		(Mig's	s, seriel No.1	
M-9234	. 2		A1-96-819-1-	-1 Rev. 1				995
(CRNI			(Orawing	No.)		(Net7. Bd No.)		feer built)
Data Report		<u></u>		Remar	ks			
	No.	Size	Type	Mat'1.	Nom.	Reinf'mt	How	Location
	-1,0 -	222	~7.50		Thk.	Mat'l.	Attach	
			<u> </u>	_	 			
Sample Conn	1	3/4"	6000# CPLG.	SA-105		None	Welded	Head
Press Conn	ī	3/4"	6000# CPLG.	SA-105		None	Welded	Head
Thermowell	1	1"	6000# CPLG.	SA-105		None	Welded	Head
Siphon Drain	$\frac{\tilde{1}}{1}$	13"	6000# CPLG.	SA-105	T	None	Welded	Head
Bridle Conn	ī	2"	150# RFWN	SA-106-B	.436	None	Welded	Shell
Bridle Conn	1	2"	150# RFWN	SA-106-B	.436	None	Welded	Shell
Relief Valve	$\frac{1}{1}$	8"	150# RFWN	SA-106-B	.500	SA-516-70		Shell
Blowdown	$\frac{\bar{1}}{1}$	2"	150# RFWN	SA-106-B	.500	None	Welded	Shell
Outlet Conn	1	10"	150# RFWN	SA-106-B	.500	SA-516-70	Welded	Shell
Fill Conn	1	811	150# RFWN	SA-106-B	.500	SA-516-70	Welded	Shell
Manway	1	24"	150# RFWN	SA-516-70	.500	SA-516-70	Welded	She11
Manway	1	24"	150# RFWN	SA-516-70	.500	SA-516-70	Welded	Shell
Vent	1	2"	150# RFWN	SA-106-B	.500	None	Welded	Shell
Manway	ī	24"	150# RFWN	SA-516-70	.500	SA-516-70	Welded	Shell
Blind Flange	3	24"	150# ANSI RF	SA-105	T	None	Bolted	Flange
Studs & Nuts	60	1½" ø	x 6 3/4" 1g.	SA-193-B7		c/w 2 hex	Bolted	Flange
				SA-194-2H		nuts each		
Condensate Retu	rn 1	12"	6000# CPLG.	SA-105		None	Welded	Shell
,						<u> </u>		1
Certificate of Authorization:	Туре	<u>"u"</u>	No1437	79	Expires	March	7 .	19
Date Mas 14/98	 Name		DACRO INDUSTRI		Signe	d Same	Zul	llu-
Date May 14/98	55	N	(Manufacturer)	rized Inspector)	Com	111551011	entative	3/
•		:001101 m=	TAYONG		iva Bov 2200			ate, Province and No I REPRINT 9/9

FURM U-2 MANUFACTURER'S PARTIAL DATA REPORT A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. M	anufactured	and	certifie	d by	y: _				ANGER			VICES	LTD.	5545-891	H Street, I	Edmon	ton. A	B T6E 5W	9
2. M	anufactured	for: .	DHCK	20	IN	DUST	RIE	<u>5 L</u>	TO.	93:	25-5	LAY	E.	EM	MONT	<u>ه. الم ه</u>	AB	- T6	E 4W
3. Lo	ocation of in	stalla	tion: _		N/A	Δ	•		ddress of		•								
4. Ty	4. Type: TWO PIECE WELDED HEAD. (Name and address) (Description of vessel part (shell, two-piece head, tube bundle) (Natl.Bd.No.) (Drawing No.) (Drawing prepared by) (Natl.Bd.No.) (Year Built)																		
	(Natl.Bd.N SME Code,	0.)	1	(Dra	wing	NO.)			(Draw	/ing pre	pared by)					(Yea	r Built)	_	,
						Edition	and A	Addend	a (date)		С	ode Ca	se No		S	pecial S	Service	per UG-1	20(d)
	6-11 incl. to the		-															amber ve	ssers.
C	ourse(s)				-Mate	rial -		-Thickne	ess	Long	Joint (Cet. A)			Circum,	Joint (Cal. A.E	3 & C)		Heat Treat	ment
No.	Diameter, in.	Le	ngih,fi ∈	_	Spec	/Grade or Ty	pe	Nom	Corr.	Туре	Futt, Spot, N	lone	En	Туро	Full, Spot, No	me	en	Temp	Time
ļ		-				,			 		 			 					
 		╬							 		 			-					
7. H	7. Heads: (a) No. of course(s) 5A516-70 MT (N/A) (b) 5A516-70 MT (N/A)																		
				· ·	(M	at'l Spec.	No., C	rade o	r Type) l	1.TTir	ne & Temp.				lo., Grade d				
	Location (Top,	Thickn	T		dius	····	Ellipti Ratio		Conical Apex Angle		emispherical adius	Flat Diame		Side to Pre		Catego	7		Γ
(a)	Bottom,Ends)	1.045	Corr.	Cro	own	Knuckle	567	7:1	*	╁	 		Convex		Concave CONCAVE	DEL		Spor None FULL	Err.
(0)	-4	.995		_			5E 1								CONCAVE	1		ull	1.0
If ren	novable, bol	te use	ed (des	crit	ne of	ther fast	enino	٠.											
											(Grade, Si				····	
	I/A) Type of par, give din														(Describe a	as ogee), & we	ld, bar etc	
	I/A) MAWP																		
10. lr	npact test	(mic)																	
11. (1	V/A) Hydro.	, pnei	ı., or co					ate yes	or no a		component(s) impa 	ct test	ed) 	·			·	
	12 and 13 to	be con	npleted (for t	lube :	sections.	N/A												
12. 1	upesneet	Statio	nary (Ma	tl.S	pec.N	(.ol	Dia., in	. (subje	ct to pre	ss.)	Nom. thk	.,in.	C	orr. Allow	,in.	Attach	ment (v	velded or	bolted)
	FI	oating	(Matl Sp	ec.N	lo.)	Di	a.,in.		N	om. thi	,in.		orr, A	low.,in.		At	tachme	ent	
13. T	ubes:							0.0. /-			Abt. In .						Tuno	/Ctrainht	
Items 14. S	14-18 Incl. to	be co	ec.No., ompleted of cours	for	Inne			O.D., in ackete		ls or cl	om. thk., in one channels of the co) Overal	heat ex	cchang	gersNi	umber /A-		Туре	(Straight	<u>.</u>
Co	ourse(s)				Male	rial		Thickne	555	Long	Joint (Cat. A)			Circum	Joint (Cat. A.E	3 & C)		Heat Trea	mem
No.	Diameter, in.	Ler	ngth,ft ∈	_	Spec	/Grade or Ty	20	Nom.	Согт.	Туре	Full,Spot, N	lone	Eff	Туре	Full, Spot, N	one	Eff	Temp	Time
-		-	·								<u> </u>			1	205	500		M	
	 -	\dashv		1					 		 		 	밵	'AUG	17	1995		
D/)# 8.B		2 TA	ان ارز ا	₩ %	124	. /	STI	、# ぇ	1/0		·····	~		ISGL	טפ	ט כ	-U	· · · · · · · · · · · · · · · · · · ·
P	J# 0.50)	76.	N IV	Q 1	T 1)	~~~	/	Ott	\ n \ ~	7.7				•			·	to person	

AUG 1 7 1995

FURMIU-Z MANUFACTURER S PARTIAL DATA REPURT

A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Ma	anufactured	and certified	by: _	EDMO	NTON	I EXCH	ANGER	& REFI	NERY SEF	RVICES	LTO.	5545-89°	TH Street,	Edmon	ton, A	B T6E 5V	V9
2. Ma	anufactured	for: <u>DACR</u>	0 1	<u>Jaugt</u>	RIE	<u>5 L</u>	<u> </u>	932	<u>5-5</u>	1 Av	K	EDM	ONTON	1.40	3	TGE	4N8
3. Lo	cation of ins	tallation:	N/		(Name	and a	ddress o	f Purcha	ser)		*************						
4. Tv	pe: Tulo (Descripti	PIECE K	leine	ED HE	(Na A-D	me and	d addres	s)	L107	93.	-7/	Q.	•		N/A	\	
,	(Descripti	on of vessel pa	ert (she	II, two-piec	e head	d, tube	bundle) N/	Δ	(Mfg	's seria	al No.)		Aug.	190	15(CF	RN)	·
 ε Δ9	(Natl.Bd.No. SME Code, S) ((Drawing	No.)		Dacan	(Drav	ving prep	ared by)	,	NI/A			(Yea	r Built)	 -
				Edition	n and A	Addend	a (date)		C	ode Ca	se No.		S	pecial S	N/ ervice	per UG-	120(d)
	6-11 <i>incl.</i> to be ell (a) No. (er of mu	ılü-ch	amberv	essels.
_ Cou	#80(s)		Mat	erial —		—Thickn	033	- Long. J	oint (CeL A)		·····	Circum	Joint (Cat. A.B	(8 C)		Heat Trea	stment
No.	Diameter, in.	Length,fi ∈	Spe	c/Grade or Ty	рв	Nom.	Corr.	Туре	Futl,Spot,N	lone	En	Туре	Full, Spot, No	one .	Eu	Temp	Time
			-				 		 								
												<u> </u>					
7. He	7. Heads: (a) No. of course(s) SA 516-70 MT (N/A) (b) SA 516-70 MT. (N/A) (Mattl Spec. No., Grade or Type) H.TTime & Temp. (Mattl Spec. No., Grade or Type) H.TTime & Temp.																
	I and in	This		lat'i Spec.		T							lo., Grade d	<u> </u>		Time & T	emp.
1 1	(Top.	Thickness Min. Corr.	Radius	Knuckle	Elliptic Ratio		Conical Apex Angle		nispherical lius	Flat Diame	ter	Side to Pre: Convex	Concave	Catego Type		Spot, None	En.
(a)	-7 /	03 6			156								CONCAVE	DBW FI		TULL 1.0	
(6)	-8 1	010		<u> </u>	<u> </u>	2:1			· · · · · · · · · · · · · · · · · · ·	<u> </u>			CONCAVE	DBM	<u> </u>	ull	1.0
If rem	ovable, bolts	used (desc	ribe o	ther fast	ening)								<u> </u>		,	
8. (N/	A) Type of j	acket			· · · · · · · · · · · · · · · · · · ·							Grade, Siz	ze, No.)				
lf b	ar, give dime	ensions											(Describe a				
9. (N	A) MAWP _	(internal) (or	vtorno!\	_ psi at	max.	temp.	- Goto		(avtarnal)	. oF. N	Min. de	esign n	netal tem	p		∘F at _	psi.
	pact test _																
11. (N	/A) Hydro., p	oneu., or co				ate yes	or no a		omponent(of test	s) impa	ict teste	ed) .				•	
	12 and 13 to be ibesheet:	completed fo	r tube	sections.	N/A												
		Stationary (Mat	Spec.I	10.) [Dia., in	. (subje	ct to pre	ess.)	Nom. thk	"in.	Co	rr. Allow	.,in.	Attachn	nent (v	welded or	bolted)
	Floa	iting (Matl Spec	c.No.)	Di	a.,in.	 -	N	om, thk.	in.	C	orr. All	ow.,in.		Att	achm	en(
13. Tu											 .						
Items 1	Mat 4-18 incl. to b	i. Spec.No., G e completed f				D.D., in ackete		s or ch		heat ex	chang	ersN/	umber 'A-		Туре	(Straight	or U)
14. Sh	nell (a) N	lo. of course	e(s)		T			(b)	Overal	l lengi	th, ft 8	in.: _					
No.	rse(s) Diameter, in.	Length,ft ∈	Mate	nal /Grade or Typ		Thickne Nom	55 Соп.	Long Jo	int (Cal. A) Full,Spot,N	000	Eπ	Circum Type	Joint (Cal. A.B Full, Spot, No	T	Eff	Heat Trea	tment Time
100.	Diamojor, ac	Largur, it dar	0,000	Colade or 191		HORI	COII,	туро	Tun,apor,re	O RO		. //	ruii, apoi, ito	110			Tallo
													DEC	괴리	\overline{m}	111	i j
<u> </u>	<u></u>	·:	<u> </u>			<u></u>	<u> </u>	<u> </u>	<u> </u>		<u> </u>	1	N M	JG 1	7 19	95	
P	O# 💯	JO2 TA	G#	824	. /	S	TK#	NA					Mrsc	513	דט	7 5	

FUKM	U-2	(Back)

10211	eads: (a)	/M	at'l Spec	No Gra	de or Type	H.T Time	r Tomo	_ (b) _		Matt C.	pec. No., Grad	T	11 = =		<u>` </u>
Location Thickness Radius						·	<u> </u>	1		1				i-,	
	Location (Top, Bottom,			Radius	 	Eliptical Ratio	Conical Apex	Hemispher	ncel	Flat Diamete		ssure	Catego	γ Α	
	Ends)		Сот	Crown	Knuckle		Angle	Radius			Convex	Concave	Туре	Full, Spot, None	Eu
_(0)				<u> </u>		······································		<u> </u>							
(b)_				<u> </u>	l			<u> </u>		<u> </u>			<u> </u>		
If rem	ovable, b	olts us	ed (de	scrībe ol	her faste		Mat'l Spec	No., Grad	le, Siz	- ze, No.)					
16. M	AWP	ternal)	(exte	ps ernal)	i at max.	temp(in	lernal)	(external)	_ •F.	. Min. d	design meta	i temp	· · · · · · · · · · · · · · · · · · ·	oF at	psi.
17. lm	pact test										 				
18 H	rdro nne	en Oti	comb t	est nres	s						impact tested)				
19. No	zzies, in:	spection	on, and	safety v	alve ope	nings: N/A	·	1001 1031							
	e (Inlet, Outlet			néler or		Material	,	T			Reinforcement	<u> </u>			
Orain,		No.			Flange Type		T	Nozzle Thicknes Nom. Corr.			Material	<u> </u>	Attached	Location (Insp. Op	
			-			Nozzle	Flange	Nom.	1 60	-		Nozzle	-	ange	
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ים פיי	nnáda: C	SVIA		L		Logo		Othor	^			Attached	1		
ZV. OU	pports. c			No)		Leys.)		, Outer			scribe)	Allacheu	-	(Where and how	w)
21. Re	marks:							onton Ex	<u>ķcha</u>		WELDS		·		
	·····	Ŧ!	<u>LL</u>	MADI	CGRA T.	PHY E	N LO	<u>na :</u>	DEI	AM	WELDS	•			
		HV	000	84	OTHE	06.								· · · · · · · · · · · · · · · · · · ·	
		121	TW		78" x	157	12" 1	.4.	HE	AD	2	· · · · · · · · · · · · · · · · · · ·			
															
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vesse	el part con rtificate of	íorm to Authóri ,	the ASI zation i	ME Code 1 No. <u>24</u>	his report or Pressu 597	re Vessels, S	and that a Section VI xpires	ll details o II, Division Nov. 1	of mai	terial, c		and workm	anship 	of this pressur	e
Date	16. Gir	IU N	arne	cumonto	(Manufacti	ger & Refine	ry service	rs Ltg.	Sig		(Repres	entative)			-
Provi	nce of <u>Al</u> ure vessel	BERTA part de	escribed	and In this M	nission iss d employe anufacture	d by <u>ALBE</u> er's Data Re	National E RTA BOIL port on	Board of B ERS SAFE	oiler ETY /	and Pro	essure Vessel IATION of A and state tha	LBERTA	ha	r the State or ave inspected th ay knowledge a By signing this	he and
certif this N	lcate neith fanufactur	er the la er's Dat	nspecto la Repo	r nor his e rt. Furthe	employer r rmore, nei	nakes any w	varranty, e pector no	expressed r his empl	or in oyer	nplied, e	concerning th	e pressure	vessel	by signing this part described ersonal Injury o	l In or
Date	My 1	<u>C 41,</u>	s	ligned _		Authorized Inspe	A) E	BUL		C	ommissions		BERTA	State, Province and N	
					··			· · · · · · · · · · · · · · · · · · ·	<u> </u>			J. Sira			1

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