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

(Alternate Form for Single Chamber, Completely Shop or Field Fabricated Vessels Only)
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

			(5) (5)											
1.	Manufactured ar	nd cert	ified by	Jet Fabric	ation 6830 Le	eopard Street			8409 f Manufacturer)					
2.	Manufactured fo	r ' <u>N</u>	larathon 5	5555 San F	eilpe St. Hous	ston, Texas 7								
3.	Location of insta	llation	Unkn	own			(Name and ad	iaress of Purc	naser)					
4.	(Name and address) . Type Horizontal JF-2797 - 03-1326-01 992 2014													
(Horizontal or vertical, tank) (Manufacturer's serial number) (CRN) (Drawing number) (National Board number) (Year built) 5. The chemical and physical properties of all parts meet the requirements of material specifications of the ASME BOILER AND PRESSURE VESSE														
5.			1 1						is of the ASME BOI		PRESSUR	EVESSEL		
	CODE. The desi	ign, cc	nstruction	i, and work	manship com	OITH TO ASIVIE	Rules, Section	DII VIII, DIVIS	1011 1 <u>2010 Editio</u>		'ear			
	to 2011 Adden					y - 2								
6	[Addendate Shell SA 516-		olicable (date		375"	(Code Case .125	numbers)	48" O.D	[Spe	ecial service p 120"	per UG-120(d)]		
0.	(Material spec. number, grade) (Nominal thickness) (Corr. allow.) (Inner diameter) [Length (overall)]													
7. Seams UW 12 Type 1 Full 100% 1150°F 1 HR UW 12 Type 1 Full 100% 1														
[Long. (welded, dbl., sngl., lap, butt)] [R. T. (spot or full)] (Eff., %) (H. T. temp.) (Time, hr) [Girth (welded, dbl., sngl., lap, butt)] [R. T. (spot (Eff., %) (No. of courses) or full)]												(No. of codises)		
8. Heads: (a) Material <u>SA 516-70</u> (b) Material <u>SA 516-70</u>														
	(Spec. no., grade) Location (Top, Minimum Corrosion Crown Knuckle Elliptical Conical Hemispherical Flat Side To Pressu											Pressure		
	Bottom, Ends)		kness	Allowanc		Radius	Ratio	Apex Ar		Diameter	(Convex or Concave)			
(a)	END		33"	-	-	- ,	2:1	-		-		ncave		
(b)	END	.3	33"	-		-	2:1	-	-	-	Co	ncave		
	If removable, bol	lts use	d (describ	e other fas	tening) <u>-</u>					1 3				
a	(Material spec. number, grade, size, number)													
9. MAWP 125 at max. temp. 200°F												nal)		
	Min. design meta	al tem	p. <u>-20°F</u>			at <u>125</u>	Hydro.	, pneu., or	comb. test pressure	163				
10	Proof test Nozzles, inspect	lion o	nd nafativ	ralva apani										
10.	Purpose		Diamete	r		erial	Nozzle T	hickness	Reinforcement	Attachme	nt Details	Location		
(In	let, Outlet, Drain)	No.	or Size	Type	Nozzle	Flange	Nom.	Corr.	Material	Nozzle	Flange	(Insp. Open.)		
Ì	Manway	1	18	₹FLW1	SA-105	SA-105	1	.125	Integral	UW11-16c	-	Shell		
	Outlet/Inlet	2	12	₹FLW1	SA-105	SA-105	1.19	.125		UW11-16c	-	Head		
	Relief/Outlet	2	3	RFLWI	SA-105	SA-105	.625	.125		UW11-16c	-	Shell		
	Transmitter Drain/Spare	1 2	2	₹FLW1	SA-105 SA-105	SA-105 SA-105	.53	.125		UW11-16c UW11-16c	-,	Shell Shell		
5	Shutdown Bridle	2	2	RFLWI	SA-105	SA-105	.53	.125		UW11-16c		Shell		
	Gauge& Alarm	2	2	₹FLW1	SA-105	SA-105	.53	.125		UW11-16c		Shell		
11.	Supports: Skirt	NO		Lugs		Legs <u>2</u>	2	Other -	Att	ached W	elded to Sh	ell		
			(Yes or no)		(Number)		(Number)		(Describe)			and how)		
12.									I Inspectors have be 97 SN: 0419 A, 04		ea for the fo	ollowing		
lmam					(N	ame of part, iten	n number, Man	T2 (b) 2	me and identifying stan					
mp	act test exempt p	er og	-20(1) 003	5-00(D)(C),				COMPLIAN	^F					
,	Me certify that the	e state	ments ma	de in this r		ICATE OF SH			ce rial, construction, an	d workman	shin of this	vessel		
									ertificate of Authoriz					
	expires <u>08/19/1</u>	4			,				-		_			
i	Date 2-7-	14	c	o. name	Jet Fabricati	on		Sig	ned Way	12	Tal	-		
					6	(Manufactu	ırer)		7	(Represer	native)			
	•				CERTIF	ICATE OF SI	HOP / FIELD	INSPECTIO	ON					
	Vessel constructe				***				et Corpus Christi, T					
		l, hold							ire Vessel Inspector	rs and/or th	e State or l	Province of		
	Tx have inspected the	e com				<u>is Insurance (</u> urer's Data Re			14		. and	state that,		
1	to the best of my I	knowle	dge and b	elief, the M	lanufacturer h	as constructe	d this pressu	ire vessel in	accordance with AS	SME BOILE	R AND PF	RESSURE		
									her employer makes					
									ore, neither the Inspe ing from or connect					
	Date <i>02:08:1</i> 4	- /	Signed		(Land)		ons -NB		19/2				
'		/	Jigilou 7	1111	Authorized Inspe	ector)	-		nal Board (incl. endorse		e, Province,	and number]		

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

1. Ma	nufactured	d and ce	rtified by	v .		Herion	I Ct	- I A										
				У		UTIV	ersar Su	eer Am	erica Houst	ton 12	30 E.	Richey	Rd Hou	iston,Tx	. 770	73		
2. Mar	nufactured	for .		(Name and address of Manufacturer) Jet Specialty Inc. 6849 Leopard St. Corpus Christi,Tx 78409														
3. Loca	3. Location of installation (Name and address of Purchaser) Unkown																	
 Type 	e:			(Cylinder				(Name and a	ddress)		N410 A	D					
	81/8	[Des	cription of	vessel part (sh	ell, two-p	piece hea	ad, tube b	undle)]		(Ma	anufact	urer's sei	ial numbe	<u> </u>		N/A		
(Na	N/A tional Board r			14//	<u> </u>								ior mannibe	1)	20:	(CRN))	
5. ASME	Code Sect	tion VIII	Div 1	(Drawing r 20: [Edition and	10/201	1			(Drawing prep)				(Year I			
5 GL II				[Edition and	Addenda	(date)	- -		N/A (Code Case	A Dumbor	-1				N/	Δ .		
6. Shell	(a) No. of	course	(s):		1			(b) Ov	erall Length	h :	,		į	Special S! "120	ervice p	er UG-120	O(d)]	
No. Diar	Course(s)	Landh		Material	Thick			Long. Joint (-		Circum	Joint (Cat		<u> </u>				
	OD	Length 120"		c./Grade or Tyl					Full, Spot,	None	Eff.	Туре	Full, Sp	ot, None	Eff	Heat T	reatment Time	
		-	_	2V2TO-1014		375	-	1	, 411			-		-	_	None	None	
		-		-		-		-	-			-		-	-		-	
7. Heads				=				(b)	-						1-1		-	
	(1	Material sp	oec. numbe	er, grade or typ	œ) (Н.Т.	– time 8	& temp)	_ (5)	(Materia	spec.	number.	grade or t	VDA) (H T	- time	. 0 4:)		
Lo	cation (Top, ottom, Ends)		kness	Radius		Elliptical			emispherical	Fla		Side to	Pressure	ype) (n. 1		tegory A		
		Min.			uckle	Ratio	Apex A	ngle	Radius	Diame		Convex	Concave	Type		Spot, Non-	555	
(a) (b)			-	-	-	-	-			-		-	-	- 7,6-	1,	- · ·	ie Eff	
	ble, bolts i	1 1	escribe o	ther fasteni	-		-					-		-		-	-	
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	.3C(1DC 0	anci iastelli	rigs)				(Mator	ial spec		-						
8. MAWP	Not		Not	at max t	emp.	N	one	N	one	Min.	. numb design	er, grade metal t	, size, nun emn.	nber) None	¬+	Nor		
	Rated (Internal)		Rated External)								_			TVOTIE	a	Nor	ie	
9. Impact	Test			ſ	Vone	188	ernal)	\	ternal)	+ +0.0+	to				_			
0 Hydro	55011 07		Indicate ye	es or no and th	e compor	nent(s) i	mpact tes	ted		וג נפגנ	temp	erature	of	No.	one			
.0. Hydro., 1. Nozzles	inspection	LOTTIO. LE	est press	s. ve openings	None	2	Pr	oof Te	st				None	9				
	Purpose	1	No.	Diameter	Flange	.	Mater	ial	Mozzio	Thickne								
(Inlet, O	utlet, Drain, e	tc)	110.	or Size	Туре		lozzie		≥ Nom.	Cor		Reinford Mate		How A Nozzle	Attache Flar		ocation p. Open.)	
	-			-	-		-		-	-					-		- Open.)	
2. Identific	ation of pa	rts				1:						-			-	-	_ ~	
Nam	e of Part	_ 0	Duantity	Line No.	Mfr's	identifica	ation No.		Mfr's Drawing	no.		CRN	l N	ational Bo	and No	7 7/	5 111	
	-		-	-								-	110	auonai bu	Jaru IVO	. Yea	ar Built	
3. Supports	: Skirt	No	<u> </u>	Lugs								-		-		1	-	
		(Yes or		Lugs _	(Num) iber)	_ Legs		0 (umber)	Others	·	N/A		Attached		N/A	4	
. Remarks					Jet Sp	ecialty	Po#FA	B6454	THOMAS I	USA S	/0 37	(Describ 564-1	e)		(Where an	d how)	
	Design Fu	nction F	O+1			<u> 2 ea .3</u>	$75" \times 4$	8" OD	x 120" La							· ·····		
	DC3IGIT I II	TICCION E	y Other		ed in A	ccorda	nce wit	h UG-;	79UG-80, aı	nd UC	S-79	No	Hydro T	est Per	forme	d		
									ELD COM			E						
We certif	y that the sta	atements	made in	this report a	re corre	ct and t	that all d	letails o	of material c	onstru	ction (nd wan	l	0.1.			1	
				ER AND PRE	SSURE	VESSE	L CODE,	Sectio	n VIII, Divi:	sion 1.	CLIOII &	aid wor	Kinansnij	of this	pressu	ire		
U Certific	ate of Auth	orization	No	44,222		Expire			September									
Date ()1/15/14	Na	me	Universa	l Steel	Americ	a Houst	on	Signed		^	1						
					(Man	ufacture	er)			-		rber	ody Parker	(Pageore	***********			
I though		1.1.		CERTI	FICAT	TE O	F SHO	P/FII	ELD INSI	PECT	TION	r						
of	rsigned, no. Tevas	iding a v	alid com	mission issue loyed by	ed by th	e Natio	nal Boa	rd of B	oiler and Pre	essure	Vesse	Inspec	tors and/	or the St	ate or	Province		
have inspe	cted the pre	essure ve	essel narr	described in	this Ma	anufact	DE CIOL	oto Dan	idarus	/1 = /1 1	. 01			CT.				
	inag to the or	COL OI HILL	ALIO WICE	HOW ADO DAIL	or than	Annith .	strong ha	·				.1						
																lover		
the Inspect	warranty e	xpressed	or impli	24 22			1					211.	special II	01 1115/116	ı emn	TOAGL	J	
	or nor hie/h	er emala	Mar chall	battati	ng the p	ressure	vessei į	part des	scribed in thi	is Man	ufactu	rer's Da	ata Repor	t. Furth	ermor	e, neithe	r [
connected	or nor his/h	er emplo	yer shall	ed, concerni be liable in	any mar	mer for	r any per	part des rsonal i	scribed in thi	is Man perty d	ufactu lamage	rer's Da e or a lo	ata Repor ss of any	t. Furth kind ar	ermor ising f	e, neither	ī	
_	or nor his/h with this ins	er emplo	yer shall	be liable in	any mar	messure mer for	r any per	part des rsonal i	scribed in thi	is Man perty d	ufactu lamage	rer's Da e or a lo	ata Repor ss of any	t. Furth kind ar	ermor ising f	e, neither	r	
Connected Date	or nor his/h	er emplo	yer shall	be liable in	any mar	mer for	r any per	part des	scribed in thing or progression or p	is Man perty d	ufactu lamage	rer's Da e or a lo 12901	ata Repor ss of any	t. Furth kind ar	ermor ising f	e, neither	7	

FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM)

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

				100000		10.00			100000												
1.	Manufacti	ured ar	nd certi	fied by			Unive	rsal Stee	el Am		a Housto				Rd Houst	on,Tx.	77073				
2.	Manufactu	red for			(Name and address of Manufacturer) Jet Specialty Inc. 6849 Leopard St. Corpus Christi,Tx 78409																
(Name and address of Purchaser) 3. Location of installation Unkown																					
(Name and address)												N/A									
[Description of vessel part (shell, two-piece head, tube bundle)]												(Ma	anufactu	(CRN)							
N/A N/A (National Board number) (Drawing number) (Drawing prepared by)											/)	2014 (Year built)									
5. /	ASME Code				2010/2011						N/A Code Case r		r)		- Fo	Special Ser	N/A	UG-1200	d)] ·		
6. Shell (a) No. of course (s):1 (b) Overall Length :60"																					
ŇI.		se(s)	nath	Spec	Material		Thick Nom.	Typ	Long. Joint (Ca Type Full, Spot, No) Eff.	Circum.		A, B, & C ot, None			eatment Time			
No1)N	.375	Corr.	1		Full	·	-	-	-			None	None		
-							-	-	 -	+			-	-	-		-	-	-		
7. 1	7. Heads: (a) - (b)													·							
(Material spec. number, grade or type) (H.T. – time & temp) (Material spec. number, grade or type) (H.T. – time & temp)																					
	Location Bottom,		Min.	Corr.	Crown	-	Elliptic	Carried St.			nispherical Radius	1	lat neter		Concave	Туре		pot, None	e Eff		
(a)			1-1	-	-	-	-	-			-		-		-	-		-	-		
(b) If r	emovable,		- sed (de	- escribe o	ther fas	tenings	s) -	-			_	<u> </u>	-	; - -	-			-			
	MAWP	Not	,	Not		ax tem		None		No	(Mater			er, grade n metal t	e, size, nun temp.	nber) None	at	No	ne		
0. 1		Rated		Rated	<u>.</u>	مر دوراا	·		_												
9. I) mpact Test:	Internal)	,	External)		No	,	Internal)		•	ernal)	at tes	st temp	erature	e of	N	one				
O F	lydro., pne	u or c	comb. t	Indicate est pres	yes or no a	nd the c	ne omponent(s None	s) impact to F	ested						Non	e		¥.			
	lozzles, ins	pection			alve ope	nings:										11	Allerahaa	1 1			
	Purpo (Inlet, Outlet,		tc)	No.	Diam or S		Flange Type	Nozzle	erial Fla	ange			Corr.		cement erial	Nozzie	Attached Flan		ocation sp. Open.)		
				- -	-		-	-	-	-	-	-	-		- -,	-	-		-		
2. I	dentificatio		irts						-1				<u>'</u>	-	,,				an Duille		
	Name of I	art		Quantity -	Line	No.	Mfr's ident	-	2.		Mfr's Drawir	ig no.		CRi		National E	eard No	. 15	ar Built		
2:0	-			-				-		0 Others				N/A Attached				N/			
	Supports: Sl	GITE _		NO or No)	_ Lug		(Number)		egs		umber)		-	(Descr	ribe)	ALLOCITO		(Where a			
4. F	Remarks					-					/THOMAS) x 60" Lg		A S/O 3	37564-2	<u>.</u>						
	D€	sign Fu	unction	By Oth	ers	Formed					79UG-80,		UCS-79) N	o Hydro	Test Pe	erforme	ed			
					CE	RTIF	ICATE	OF SH	OP/	FII	ELD CO	MP.	LIAN	CE							
	We certify th													n and w	orkmansl	nip of th	is press	ure			
	vessel part co U Certificate					D PRES 4.222		SSEL COI opires	DE, S	ectio	on VIII, Di Septemb										
_			_					1					,2015 A	1.	-						
	ate 01/	15/14	· <u> </u>	Name _			Steel Am (Manufa	cturer)			Sign			N ans	Cody Park	ker(Repres	entative)			
,	l, the unders	iomed h	oldina	a valid o							ELD IN				sectors an	d/or the	State in	r Provit	nce		
	of	Texas		and e	mployed	by		HSB C	flobal	1 Sta	ındards			of			T				
]	have inspectand state that	ed the	pressure best of	vessel p	oart descr	ibed in	this Man	ifacturer'	s Dat	a Re	port on	01/1:	5/14	essel nai	rt in acco	rdance v	vith				
	ASME BOILE	R AND	PRESS	JRE VES	SEL COL	E, Sect	ion VIII,	Division	1. By	y sig	ning this c	ertifi	cate nei	ther the	Inspecto	r nor his	/her em	ployer	har		
. 1	makes any w the Inspector	arranty nor his	, expres s/her em	sed or ir ployer s	nplied, co hall be li	oncernii able in a	ng the pre any mann	ssure ves: er for any	sel pa perse	irt d onal	escribed in injury or i	this brope	Manufa erty dan	cturer's age or a	Data Ke a loss of a	port. Fu any kind	rmermo arising	from o	1161		
	connected w					In.	1/_		1 .		5 9 "1		-	-							
D	ate)1/15/1	4	Signed		H.C					Com	missi	ions _		2906F				6-2		
	-					(Author	rized Inspec	+05)				[alati	ional Roa	rd (incl a	ndorsemer	ate) State	Provinc	and nu	mperi		