Corrected Copy*

FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1.	Manufact	ured and	d certif	fied by	SPX HEA	TRAI				1ST EAST		IUE Tul	sa, OK 74	4 116					
2.	(Name and address of Manufacturer) Manufactured for SPX Flow Technology USA, Inc. Ocala, FL 34474 (Name and address of Purchaser)																		
3.	Location	of instal	lation	Mississ	ppi Power	Comp		•			Projec	t Kemp	er County	, MS					
4.	(Name and address) 4. Type: Vertical HP Assembly Chamber (Tank) LH WUH/790.110100-3A N/A 7405265 R-A 8716 20													2012 (Year Built)					
5.	ASME Co	de, Sect	ion VII	I, Div. 1			2010 E	dition				N/A				N/A			
ltom	s 6-11 incl	to he co	mnlete	nd for single	-				ole (date)]			ase numb	,			ice per UG-120	(d)]		
	tems 6-11 incl. to be completed for single wall vessels, jackets of jacketed vessels, shell of heat exchangers, or chamber of multichamber vessels. 6. Shell: (a) Number of course(s) 1 (b) Overall length 96"																		
Course(s) Material Thickness Long. Joint (Cat. A) Circum. Joint (Cat. A,B, &C) Heat To														reatment					
No.	Diameter	Length		Spec./Grad			Nom.	Corr.				Eff.	Туре	Full, Spot, None Full	Eff.	Temp.	Time N/A		
1	132 00	96	 	5A-51	0-7 UN		1.500	.0625		Full		100%		Full	100%	N/A	IV/A		
7. Heads: (a) SA-516-70N HT-N/A (Material spec. number, grade or type (H.T. – Time and temp.) Thickness Radius SA-516-70N HT-N/A (Material spec. number, grade or type (H.T. – Time and temp.) Side to Pressure Category A																			
	Location (Bottom, E		Min.	n. Corr. Crown		Knu		Iliptical Ratio	Conica Apex An			Flat Diameter	Conve	Concave	Туре	Full, Spot, None	Eff.		
(a)	TOP		1.375"	.0625"		1	O.K.O	2:1	7 (00.7 11)	9.0				X	N/A	N/A	N/A		
(b)	вотто	M	1.375"	.0625"				2:1						Х	N/A	N/A	N/A		
f rem			(descril	be other fa	stening) N/A	f removable, bolts used (describe other fastening) N/A (Mat'l Spec. No., Grade, size, No.) 8. Type of jacket N/A Jacket closure N/A													
	(Describe as ogee and weld, bar, etc.) If bar, give dimensions N/A If bolted, describe or sketch															nor ota \			
	If bar, giv	e dimen	sions						N/A				(De	escribe as oge			or sketch		
9.	If bar, giv	350 (Internal)		N/A (External)		max.	temp.		N/A	N/A (External)	_	Min. de		escribe as oge	If bolted	, describe	or sketch		
		350 (Internal)					·	(Inte	150		_		esign me		If bolted	, describe			
10.	MAWP _	350 (Internal)	-	(External)	No-exer	npt pe	r UCS 6	(Inte	sted)		at te	est tem	esign me	tal temp.	If bolted	, describe o	350 psi		
10. 11.	MAWP _ Impact Te	350 (Internal) est neu., or	comb.	(Indicate test press	No-exer	npt pe	r UCS 6	(Inte	sted)		at te		esign me	tal temp.	If bolted	, describe o	350 psi		
10. 11. tems	MAWP _ Impact Te Hydro., p 12 and 13	350 (Internal) est neu., or to be co	comb.	(External)	No-exer	npt pe	r UCS 6	(Inte	sted)		at te	est tem	esign me	tal temp.	If bolted	, describe o	350 psi		
10. 11. tems	MAWP _ Impact Te	350 (Internal) est neu., or to be co	comb.	(Indicate test press	No-exer yes or no and sure sections.	mpt pe	r UCS 6	(Inte 6 impact tes 155 psi	ernai)		at te	est tem	esign me	tal temp.	10 N/A	, describe o	350 psi		
10. 11. tems 12.	MAWP _ Impact Te Hydro., p 12 and 13 Tubeshee	350 (Internal) est neu., or to be co	comb. mplete	(Indicate test press	No-exer yes or no and sure sections.	mpt pe	ponent(s)	(Interest (Interest)) (Interest)	ernai)	(External)	at te	est tem of test	esign me	of	10 N/A	FatN/A	psi F do or bolted))		
10. 11. tems 12.	MAWP _ Impact Te Hydro., p 12 and 13	350 (Internal) est neu., or to be co	comb. mplete	(External) (Indicate test press d for tube s	No-exer yes or no and sure sections.	mpt pe	ponent(s)	(Interest (Interest)) (Interest)	ernai)	(External)	at te	est tem of test	(Corr. Al	of	10 N/A	F atN/A	psi F do or bolted))		
10. 11. tems 12.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes	350 (Internal) est neu., or to be co (Static	comb. mplete mary (matering (mater) (Mater)	(Indicate test press d for tube sterial spec. no.	No-exer yes or no and sure sections.	the com	er UCS 6i	(Inter- 6 impact tes 455 psi ct to press	sted) (O.D.)	(Nomina (Nomina)	at te	est tem of test ess)	(Corr. Almess)	of	10 N/A	F atN/A	F ed or boited))		
10. 11. tems 12.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl. Shell:	350 (Internal) est neu., or to be co et (Static (Floa	comb. mplete mary (matering (mater) (Mater)	(External) (Indicate test press d for tube s terial spec. no.) erial spec.no, gr ad for inner course(s)	No-exer yes or no and sure sections.)) ade or type) chambers	(Diame	eter (subjection (Diamet	(Intelligence of the control of the	(O.D.)	(External) (Nominal) (Nominal)	at te Proce al thickness (Norm (xchan)	est tem of test ess) ess) inal thickr aers.	(Corr. Almess)	of	10 N/A	F at	F d or bolted)) ent) traight or U))		
10. 11. tems 12.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes	350 (Internal) est neu., or to be co et (Static (Floa	comb. mplete mary (matering (matering)) (Matering)	(External) (Indicate test press of for tube sterial spec. no.) erial spec.no, grid spec.no, grid for inner	No-exer yes or no and sure sections.)) ade or type) chambers	(Diame	eter (subject (Diamet whickness	(Interest test) (Interest test	(O.D.)	(Nomina (Nomina)	at te Proce It thickness (Norm xchan (b) Ov A)	est tem of test ess) ess) inal thickr aers.	(Corr. Almess)	of	10 N/A	F at	F ed or boited))		
11. 11. 12. 13. 14.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl. Shell: Course(350 (Internal) est neu., or to be co et (Static (Floa	comb. mplete mary (matering (matering)) (Matering)	(External) (Indicate test press of for tube statement of tube sta	No-exer yes or no and sure sections.)) ade or type) chambers	(Diame	eter (subjection (Diametticketed ve	(Interest test) (Interest test	(O.D.)	(Nomina (Nomina els of heat e	at te Proce It thickness (Norm xchan (b) Ov A)	est tem of test ess) ess) inal thickr gers. rerall le	(Corr. Almess)	of	10 N/A (Att.	F at	F d or boited)) ent) traight or U))		
11. 11. 12. 13. 14.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl. Shell: Course(350 (Internal) est neu., or to be co et (Static (Floa	comb. mplete mary (matering (matering)) (Matering)	(External) (Indicate test press of for tube statement of tube sta	No-exer yes or no and sure sections.)) ade or type) chambers	(Diame	eter (subjection (Diametticketed ve	(Interest test) (Interest test	(O.D.)	(Nomina (Nomina els of heat e	at te Proce It thickness (Norm xchan (b) Ov A)	est tem of test ess) ess) inal thickr gers. rerall le	(Corr. Almess)	of	10 N/A (Att.	F at	F d or boited)) ent) traight or U))		
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10. 11. tems 12. 13. 14. No.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl. Shell: Course(350 (Internal) est neu., or to be co (Static (Floa to be cc (a) Num s)	comb. mplete nary (matering (matering) (Matering) mplete ber of	(External) (Indicate test press of for tube statement of tube sta	No-exer yes or no and sure sections.)) ade or type) chambers al or Type	(Diame	eter (subjective (Diamet National Natio	(Intelligence of the control of the	(O.D.)	(Nomina (Nomina els of heat e	at te Proce It thickness (Norm xchan (b) Ov A)	ess tem of test ess) ess) inal thickr acers. rerall le	(Corr. Almess) ength Circum. Jo	of	10 N/A (Att.	F at	F ed or bolted)) ent) traight or U)) eatment Time		
10. 11. tems 12. 13. 14. No.	Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl Shell: Course(Diamete	350 (Internal) est neu., or to be co (Static (Floa to be cc (a) Num s) r Length	comb. mplete nary (material (M	(External) (Indicate test press d for tube sterial spec. no. prial spec.no, great for inner course(s) Material spec./Grade	No-exer yes or no and sure sections.)) ade or type) chambers al or Type	(Diame	eter (subjective (Diamet National Natio	(Intelligence of the control of the	(O.D.)	(Nomina (Nomina (Nomina One of heat e	at te Proce It thickness (Norm xchan (b) Ov. A)	est tem of test ess) ess) inal thickr gers. rerall le	(Con (Corr. Al ness)	of	10 N/A (Att.	A describe of F at N/A describe of F	F ad or bolted)) eatment Time D.)		
10. 11. tems 12. 13. 14. No.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl Shell: Course(Diamete Heads: (a	350 (Internal) est neu., or to be co (Static (Floa to be cc (a) Num s) r Length	comb. mplete nary (matering (matering)) (Matering) (Matering) (Matering)	(External) (Indicate test press of for tube statements spectors not be statements as the spectors of the statements of	No-exer yes or no and sure sections.)) ade or type) chambers al or Type er, grade or t	(Diame) (Diame	eter (subject (Diamet Keted ve hickness n. Cc	(Intelligence of the control of the	(O.D.) (O.D.) Type Conical	(Nominal (No	at te Proce It thickness (Norm xchan (b) Ov. A)	est tem of test ess) ess) inal thickr gers. rerall le	(Con (Corr. Al ness)	of	B, &C) Eff.	Fat N/A achment (welde (Attachme (Type (s	F ad or bolted)) eatment Time D.)		
10. 11. tems 12. 13. 14. No.	Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl Shell: Course(Diamete	350 (Internal) est neu., or to be co (Static (Floa to be cc (a) Num s) r Length	comb. mplete nary (material (M	(External) (Indicate test press of for tube statements spectors not be statements as the spectors of the statements of	No-exer yes or no and sure sections.)) ade or type) chambers al or Type er, grade or t	(Diame	eter (subject (Diamet (Diamet hickness n. Cc	(Intelligence of the control of the	(O.D.) (O.D.) Type	(Nominal (No	at te Proce If thickness (Norm Xchan (b) Ov A)	est tem of test ess) ess) inal thickr gers. rerall le	(Con (Corr. Al ness) Type Tial spec. nu	of	10 N/A (Att.	Fat N/A A A A A A A A A A A A A	F and or bolted)) ent) traight or U)) eatment Time		
10. 11. tems 12. 13. tems 14. No.	MAWP Impact Te Hydro., p 12 and 13 Tubeshee Tubes 14-18 incl Shell: Course(Diamete Heads: (a	350 (Internal) est neu., or to be co (Static (Floa to be cc (a) Num s) r Length	comb. mplete nary (matering (matering)) (Matering) (Matering) (Matering)	(External) (Indicate test press of for tube statements spectors not be statements as the spectors of the statements of	No-exer yes or no and sure sections.)) ade or type) chambers al or Type er, grade or t	(Diame) (Diame	eter (subject (Diamet Keted ve hickness n. Cc	(Intelligence of the control of the	(O.D.) (O.D.) Type Conical	(Nominal (No	at te Proce If thickness (Norm Xchan (b) Ov A)	est tem of test ess) ess) inal thickr gers. rerall le	(Con (Corr. Al ness) Type Tial spec. nu	of	B, &C) Eff.	Fat N/A A A A A A A A A A A A A	F and or bolted)) ent) traight or U)) eatment Time		

(Mat'l Spec. No., Grade, size, No.)

16	MAWP			nsi at	max temp			FM	lin. design metal	temp.	F	at	psi
10.		MAWP psi at max. temp F Min. design metal temp F at											_ -
17. Impact Test at test temperature of													F
(Indicate yes or no and the component(s) impact tested)													
18.	Hydro., pneu	⊬, or ee	mb. test pro	essure _				Proof	test				
19.	Nozzles, ins	pection	, and safet	y valve op	enings:								
Pı	irpose (Inlet,				Mat	erial	Nozzle	e Thickness	1-2-7-7	Attachmen	t Details		
	Outlet,		Diameter	Flange	1 120		5.00		Reinforcement	5000 77		Location	
	Orain, etc.)	No.	or Size 20'	Type RFLWN	Nozzle SA-105	Flange	Nom. 300#	.0625'	Material	Nozzle Weld	Flange	(Insp. Ope	en.)
Manway 1 20' RFLWN SA-105 300# .0625' Weld - Shell Drain 2 8' RFLWN SA-105 300# .0625' - Weld - Shell													
	ection	1	1.500'	RFLWN	SA-105		300#	.0625'		Weld	-	Shell	-
Inlet		1	20'	RFLWN	SA-105		300#	.0625"	-	Weld	-	Top-Head.	
Inlet		1	8"	RFLWN	SA-105		300#	.0625'		Weld	-	Top-Head	
Relief		1	2.000'	RFLWN	SA-105		300#	.0625'		Weld	-	Top-Head	
Outlet		1	20"	RFLWN	SA-105		300#	.0625"	-	Weld	-	Bottom-Head	
20.	Supports: S	kirt	YES	Lugs	N/A	Legs N/	Α	Other	N/A	Attac	hed E	Bottom-Weld	
			(Yes or no)		(Number)	-	Number)		(Describe)	_		(Where and he	ow)
21.	Manufacture	's Partis	I Data Reno	rts nronerly	identified and	signed by Con	nmissione	d Inspectors	have been furnish	ed for the fo	llowing ite	ms of	
21.					r, Manufacturer				nave been familian	ca for the fe	mowing ite	1115 01	
	The sales of the		er Bernette		No. of the same of the			eman Banco					
	Shell Head-T	op and B	ottom, Uni-Fo	m Compon	ents, Inc., Top-Si	N 6292 (No NB	assigned)	Bottom-S/N 62	298 (No NB assigned	1)			
							2022						
22.	Remarks:	Outlet N	Nozzle(N10) E	Bottom-Head	Assembly conto	d- (1) 20" LR 90	Elbow-Sc	h STD, SA-23	4-B, CA0625", We	ld (1) PIPE S	MLS 20'-S	CH 20,	
	SA-53B-ERW	CA062	25', Weld (1) F	ORGING 24	1.25" OD-19.251[), SA-105, CA	0625', Wek	d					
	Manway cont'o	(N02)-(1) 20' RF Blind	d Flange CL	S300, SA-105, C	A0625", Bolt	(36) Stud-T	hread 1.250"-	8X 11.500 GALVAN	IZED, A153,	SA193B7		
	Walter Charles and Control of the Control				153,SA194-2H		Partition and the second	ipplied by oth					
		3											
CC	onform to the A Certificate of	SME B	OILER AND	PRESSUR	E VESSEL CO	DE, Section V	III, Divisio	n 1. 6/04/13	, construction, and	25) 	iip or this v	resser .	326
D	ate <u>04/2</u>	6/2016	N	ame S	SPX Heat Trans	fer, Inc. (Manufacturer)		Sig	ned do	- Can	oresentative)		
				355				DECEMBE					
aı	nd employed b	у	One	Beacon Co	issued by the N intract Inspection	n Services	of Boiler a		Vessel Inspectors n, MA	and the Sta		rince of OK ve inspected	
th	e pressure ve	ssel des	cribed in this	Manufactu	ırer's Data Rep	ort on 04/06	/12	, and	state that, to the b	est of my kr	owledge a	and belief, the	е
In Fi	spector nor hi	s employ	yer makes ar Inspector n	ny warranty or his empl	, expressed or	implied, conce	erning the	pressure ves	Division 1. By signi ssel described in th injury or property d	is Manufact	urer's Data	a Report.)
						20 0	-/	0		15/11	n 1		
L	ate 04/2	6/2016	S	igned _	- SAUT	on or	on	Comi	missions	National Boa	rd (incl. andor	rsements)]	
-					CEDTIFICA	TE OF FIELD	ACCEMBI	V COMPLIA	NCE	[National Boa	d (IIId. eriddi	sements)]	
re	quirements of	ASME (CODE, Secti	on VIII, Div	correct and tha	TE OF FIELD At the field asse		struction of a	all parts of this vess	sel conforms	with the		
	Certificate of	HUINORIZ	140					Expir	-		2000 - 200		-
	ate		N	lame _		(Assembler)		Sig	ned	/Po	presentative)		-
						(Assembler)				(Re	presentative)		
			ing a valid co	ommission		TE OF FIELD ational Board		and Pressure	Vessel Inspectors			rince of	_
	nd employed b									50100-0-0			-
-				_, not inclu	ded in the certi	ficate of shop	inspection	, have been	sel and state that p inspected by me a	nd to the be	st of my k	nowledge an	d
									SME CODE, Section				
									ificate neither the				
In									acturer's Data Rep or a loss of any k				
	ate		Signed	d			С	ommissions					

(Authorized Inspector)

[National Board (incl. endorsements), State, Province, and Number]

#8716

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.	Manufact	ured a	nd certi	fied by	UNI FORM COMPONENTS CO. 10703 SHELDON ROAD HOUSTON TEXAS 77044																	
	Manufactu									SFER	212	21 N 16	i ST EA	SOT MAI	iuracture /E. TU	1			044			
YUBA HEAT TRANSFER 2121 N 161 ST EAST AVE. TULSA , OK 741 (Name and address of Purchaser) UNKNOWN																						
4.	Туре:			TW	O-PIE	CE HEA	AD					(Name a	nd add	ress)	C/N 6	202						
	-		[De		(vessel part (shell, two-piece head, tube bundle)) (Macufacturer's social number) (CRAN)													I/A				
- 1	(National Bo	nard ou	nher)		NO DRAWING BY UCC 2012													012				
5.4	ASME Code					100000000000000000000000000000000000000	E/2011A											Year b	uilt)			
6 0	thall (a) N	6 -		۸.	(Editi	on and A	ddenda (d	ate)			(C	ode Case r	number)		N/A [Special Service per UG-120(d)]						
0. 3	shell (a) N		ourse (s				N/A			b) O	veral	I Length	: _				N/A					
No.	Cour Diameter		ength		Material Grade o		Thie Nom.	kness	orr.	Typ	Lor	ng. Joint (t	Cat. A)	Eff.	Circum. Joint (C		oint (Cat. A, B, & C) Full, Spot, None		C) Heat T			
								1		.75	+	dil, spot, i	tone	EII.	туре	FUII, Spo	t, None	Eff	Temp.	Time		
						1 -				•			*		7			-				
7.1	leads: (a)		Δ 516-7	O (NORN	101175	D 16E	00 @ 10	O MAY	AL)		\perp											
	10003. (a)		laterial spe	c. number,	grade (or type)	(H.T tim	e & te	emp)	_ (b)	, —		Materia	l spec.	number	N/A grade or ty	ne) /UT	- Henr	A tomp)			
	Location	(Top.		kness		adius	Ellipt		Conic	al	Hemis	spherical	Fla	- 1		Pressure	T (n. 1		tegory A			
	Bottom,	Ends)	Min.	Corr.	Crown	Knuck	e Rat	io A	Apex A			Radius		eter	Convex	Concave	Туре		Spot, Non	e Eff		
(a)		N/A	1.375				2	::1	-07F-70				1				1		ULL			
(b)																						
TI LE	emovable, I	ooits u	sea (ae:	scribe oti	ner fas	stening	s)					/Make	dal ana						i salawani			
8. M	AWP				at m	ax ten	ıp.					(Mater	Min.	desigr	er, grade metal l	, size, num emp.	iber)	at				
Q I	npact Test	internal)) (E	xternal)				(Inter	nal)	(Extern					61 - 50		_				
J. 1	iipact iest			Indicate yes	or no a	and the c	component	(s) imp	pact te	sted	-	'	at tes	t temp	erature	e of						
10. H	ydro., pnei	u., or 0	comb. te	est press.					P	roof	Test								1			
11. N	ozzles, insp		n, and sa	2000	e ope		Flange		Make	-/												
	(Inlet, Outlet,		tc)	No.	or S		Type Nozzle					Nom.	le Thickness Corr.		Reinfor	cement erial	Nozzle Flan					
-			-			_												. I kinge (ms		p. open.)		
12. Id	lentification	of pa	ırts				-	-	L				$ \bot $									
	Name of F			Quantity	Line	No.	Mfr's Identific		ication No.		Mfr's Drawin		ng no.		CRN		National Bo		Board No. Yea			
							-			_												
13. 5	upports: Sk	irt	200000		Lug			_	Leg	30			Othe									
			(Yes o	or No)	Lug	-	(Number		Bi (S) Albania	· -		nber)		-	(Descr		Attached(Where			nd how)		
14. R	emarks	_		<u> </u>). X 1.6	25" N	IOM.	•000000				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
		-			DE	SIGNE	Y OTHE					00468	NUT I	N OT	IFDC							
					CE	RTIF	ICATE	OF	SHO	OPA	FIRI	D CO	MDI	TAN	CIE		-					
		2																				
v	Ve certify the essel part co	at the s	to the A	s made in	this re	port ar	correct	and th	hat all	detai	ils of	material,	const	ruction	and we	orkmansh	ip of thi	s pres	sure			
	Certificate				EK AN	18.20		xpire		E, Se	ction	11/03/2		1.								
				10 1000 F		1004-100-200			7070 :					0	1	M						
Da	1/3	1/12	6	Name _	UN	FORM	(Manuf			20.		Sign	ed	2	رم							
					CE	RTIF	ICATI	O	FSH	OP/	FIE	LD IN	SPEC	CTIO	N		Represent	_				
I,	the undersi	gned, I	olding a	valid con	nmissio	on issue	d by the	Natio	mal B	oard (of Bo	iler and	ressu	re Ves	sel Insp	ectors and	or the	State o	r Provin	ce		
C	111	CAAS		and emp	oloyed	by	ONE B	EAC	ON A	ME	RICA	INSUR	ANCE	_ (of		LYNN					
a	ave inspecte nd state that	to the	best of r	ny knowl	edge a	idea in id belie	f, the Ma	นเลติเ ทบโลก	clurer	base	Kepo	ort on	s press	/31/12	coul no-	in acces	dones	ish.				
Α	SME BOILE	RAND	PRESSU	RE VESSE	EL COD	E. Sect	ion VIII.	Divis	sion 1	. By	signi	ne this co	ertifica	te neit	her the	Inspector	nor hiel	her an	nlover			
n	lakes any w	arranty	, express	ed or imp	hed, co	oncemi	ng the pra	ssure	e vesse	el par	t desc	ribed in	this N	lanufa	turer's	Data Dan	or E.	tha-	ana maist	ner		
10	ne Inspector onnected wi	nor his	wher emp	oloyer sha	it be fit	able in	any mayin	er fo	rany	perso	nal in	jury or p	ropert	y dam	age or a	loss of ar	y kind	arising	from or			
				1578		/	11	1	4	<u>, </u>												
Da	te	1/31/12	<u></u> s	Signed _		1	wer		Colo	200			missio			89604	4					
			-		_	(Author	rized mane	ctor)	Y	_			[Nation	nal Boar	d (incl en	dorsement	s) State,	Provinc	e and num	nber]		

#8716

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

													The state of the s					-
1.	Manufactu	red ar	nd certif	fied by		UNI	FORM CON	MPONEN	TS C						N TEXA	5 77044		
(Name and address of Manufacturer) 2. Manufactured for YUBA HEAT TRANSFER 2121 N 161 ST EAST AVE. TULSA, OK 74116																		
(Name and address of Purchaser) UNKNOWN																		
4. Type: TWO-PIECE HEADS (Name and address) 5/N 6298-5/N 6299															N/A			
	,,,				f vessel part (shell, two-piece head, tube bundle)] (Manufacturer's serial number) (CRN)													
-	(National Bo	ard num	ber)			og numb		-	(Drawing prep	ared by	<i>(</i>)			(2012 Year built)		
5. A	SME Code	Section	n VIII E	Div 1			/2011A ddenda (date	· -			N/A		_	re	N	/A	2-120(4)	1
6. 5	hell (a) No	of co	ourse (s):	LEGIG	ZII GIIG A	Addenda (date) (Code Case number) [Special Ser N/A (b) Overall Length : N/A							rvice per UG-120(d)]				
No.	Cours		ngth		Material Grade o		Thickn Nom.	ess Corr.	Tyne	Long. Joint				Full, Spot			eat Trea	tment Time
								2011.		100,0000	110110		11100	i dii, spoi	7110.15			Time
														-				
7. H	eads: (a)						0° @ 100 l		(b)					V/A				
	Location (100		c. number, kness		or type) adius	(H.T. – time (demispherical		ial spec. Tat	20 TO 1 TO 1	grade or type Pressure	e) (H.T.	- time & t	- 1.25 X 1.3 m l s 11	
	Bottom, E		Min.	Corr.		Knuckl	- D-11-	Apex Ar		Radius		meter		Concave	Туре	Full, Spat, None		Eff
(a)	1	V/A	1.375				2:1								1	FUL	.L	
(b)	movable, b	olto u	cod (do	scribo ot	har fa	tanina	-				Д					L		l
7.040 P.010		oles u	seu (uc	scribe of						(Mat				, size, num	ber)			
	AWP (1	nternal)		External)	at m	ax tem		ternal)	(E	xternal)	Mir	n. desigi	n metal I	temp.		at		-
9. Ir	npact Test			Indicate vo	C OT DO	and the	component(s)	impact to	tod		at te	st tem	perature	e of				
	ydro., pneu		comb. te	est press				P	roof T	est				34				
11. N	ozzles, insp		, and s		ve ope		Flange	Mate	rial	Noz	zle Thic	kness	Reinfor	cement	How	Attached	1 10	cation
	Inlet, Outlet,		tc)	No.	or S			Nozzle				Corr.		erial	Nozzle			. Open.)
											1							
12. Ic	lentification Name of F			Quantity	Line	No.	Mfr's identif	Scation No.	_	Mfr's Draw	ina no		CR	N I	Vational (Board No.	Von	Built
	rianic of r	<u></u>		Qualiticy			THI S IGCINE	readon 110		1111 0 0101	ing no				4000101		100	Dunc
13.5	upports: Sk	irt	1_		Lug	ıs	L	Le	ns		Oth	ners			Attach	ed		
	E.S. (2) S.		(Yes	or No)	Lug	,	(Number)		80 - 5- 5-5	(Number)			(Desc		neacin		here and	d how)
14. K	emarks _									9" I.D. X 1 ER 100 4 68		NOM.			To the second of the		1500000	
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					CE	KIIF	ICATE	OF SH	OP/E	TIELD C	OMI	LIAN	CE					
	We certify the												on and w	orkmansh	nip of th	is pressur	e	
{	Certificate				LEKA	18.20		pires	, JC, JC	11/03		л 1.	_					
D	ate 2/1	3/12		Name	אט	II FORI	м сомро	NENTS	CO.	Si	gned		le	-el	~	_		
							(Manufac	turer)				e com	ON		Represe	ntative)		
1	, the unders	gned.	holding	a valid co						FIELD I				pectors an	d/or the	State or	Provinc	ec
	ofT	EXAS		and en	ployed	by	ONE BE	EACON	AME	RICA INSU		CE	of _			N,MA.		
	have inspect										his pr	essure v		rt in acco	rdance	with		
1	SME BOILE	R AND	PRESS	URE VES	SEL CO	DE, Sec	tion VIII, I	Division	 By 	signing this	certif	ficate no	ither the	Inspecto	r nor his	s/her emp		
l t	nakes any w he Inspector	nor hi	s/her en	ssed or im iployer sh	ipiled, di all be l	iable in	any manne	sure vess r for any	perso	al injury o	r prop	erty dar	nage or	a loss of a	ny kind	armermor arising f	e, neith	cr
	connected w					/	1/	14	/		1571 - Sie	N 2559	151		334			
D	ate	2/13/1	2	Signed	_/		se X	Xa	h	<u>-</u> co	mmis			18960				
						(Auch	orized Inspec	tor)			[Na	itional Bo	ard (incl	endorsemer	nts) State	, Province	and num	ber]