FORM U-TA 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 Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. M	lanufacture	d and c	certifie	ed by Cl	hart Co	oler S	ervice	Compa	ny, Inc., 35	515 Day	wsor	n Road, address c	Tuls	a, Ok	dahom	a, 74115				
2. N	lanufacture	d for	KP E	ngineeri	ng, 55	55 Old	Jacks	onville l	łwy, Tyler	, Texas	, 757	703				-				
		-		11	_				(N	ame and	addre	ess of Pur	rchase	er)						
3. L	ocation of Ir				1			. 1. 1.0.7 11.1.0 (10.00)	· ^	(N	ame a	and addre	ss)							
4. Type						31015-1-2 R (Drawing num)				and the second s			o)	2016 (Year built)						
5 /	ASME Code			, ,		0 001101 110	2013/	NI/A	(CRN)			•		,		•		,	, ,	
J	(0.0.2 0020	, 000		,		Edition and		, if applicab	le (date)]		(Code	N/A Case numb	ers)			(Spe	N/A cial service per U	JG-120(d))	
6 5	hell:		SA-51	16 70			1"		Α.	125"				N/A			N	I/A		
0. 0				number, grad	e)	(Nom	inal thickn	ess)		r. allow.)			(lnn	er diame	eter)		(Length	(overall] .	
				7		r			Body Flang	es on S	hells) altima			
No. Type			ID	OD	Flange Thk	Min Hub Thk		Material		How Attached		Location		Num & Size		Bolting Material	Bolting Washer (OD thk)	D, ID,	Washer Material	
N/A	N/A N/A N/A		A	N/A	N/A	N/A		N/A		N/A		N/A		N/A N		N/A	N/A	r	I/A	
	eams: [Lon eads: (a) [g. (welde		Joint sngl., lap, bu	tt)] [R.	N/A T.(spot or		C=.20 (Eff.,%)	1150 °F (H.T. temp)	1 (Time	e, hr)	[Girth. (aterial	(welded	N/A I, dbi., s	ngi., lap, b	utt)] [R.T. (s		N/A (Eff., %)	N/A (No. of cours	
_			·				. no., grad		A COLUMN TO THE PARTY OF THE PA	the the section of the							16 70 o., grade)			
	Location (Top Ends)			Minimum Thickness		rrosion wance	Crow	n Radius	Knuckie Rad			Conical pex Angle		spheri tadius	Flat	Diameter	Conca			
(a)	Top / Bo			0.5"	. 1	125"	1	V/A	N/A	N		N/A				5" x 7.375"		N/A		
(b)	End			0.5"	0.	125"	ì	l/A	N/A	N/	/A	N/A	N	/A	12.437	5" x 7.375"		N/A		
						1			Body Flang	es on He	eads		- 1				3olting	~~~		
	Location	Тур	e	ID	OD	Flan	ge Thk	Min Hul Thk	Mate	rial	Ho	w Attache	d	Num & Size Bolt			aterial Washer (OD, ID, thk)		asher Materia	
a)	N/A	N/A		N/A	N/A	N/A		N/A	N/A		N/A					N/A	N/A	N/	A	
9. N	IAWP		75 ps					i psi temal)		at max	c. terr	ıp		250 (Inte			N/A (External)		- -	
M	in. design m	netal te	,	-20 °l	F	at		75 psi		Н	ydro,	pneu., c	or cor	•	,	ure	HYDRO A	Tat 9	8 psi	
Pt	oof test									N	I/A									
O N.	 	andian .		ofoh wob													,			
	ozzles, insp ose (Inlet, Ou	tlat	$\neg \neg$	Diameter	<u> </u>	ings.	Τ	Mate	rial	Noz	zle Ti	hickness	1 1	Reinfor	cement	Attachm	ent Details	Loc	ation (Insp.	
	Drain, etc.)	uci,	No.	Size	01	Туре	N	ozzle	Flange		om.	Corr.	╡.		erial	Nozzle	Flange		Open.)	
Inlet			2	8"-150#		RFWN S		-106 B SA-105		Sch	n. 80	80 0.125"		Integral		UW16.1a			Wrapper	
Outlet			2	•	4"-150#			-106 B	SA-105	Sch. 160			0.125"		Integral			UW16.1a Wrap		
Temp / Press			4					106 B SA-105		Sch. XX Stg				Integral Integral		UW16.1a	UW16.1a			
	/ent / Drain		2	1"-150	-	RFWN		-106 B A-105	SA-105 N/A	Sch.)	(X Sto	g. 0.125' N/A	<u>' </u>		grai /A	UW16.1a N/A	UW16.1a N/A	1	Vrapper lugsheet	
	Inspection upports: Si	kirt	834 No (Yes or		•		egs_	None (Number)	Other _			meplate i				Attached	Head	er / We	lded	
12. Re	marks: Manuf	acturer's	s Partia	al Data Rep	orts prope	erly identi	fied and	signed by	Commissione	d Inspect	ors, ha	eve been f	umish	ed for t	he follow	ng items of the	e report:			
N											<u> </u>									
							(Name	of part, item	number, Manufa	acturer's na		id identifying		•	v 101					

Line 6 - -Tube and Plug Dimensions OR Header Dimensions: 13.75" X 9.625" X 13' 6.25"

Straight length of tubes, OR, Distance between the headers: 32'.0.0"

1. Constructed per Appendix 28, 2.No relief device per UG-125, 3.Impact testing exempt per UCS-66

© UCS-68(c), 4.Tube 1" x .083"MW, SA-214, Quantity 417, 5.Service: "NSU SPLITTER OVERHEAD

CONDENSER- WEST BANK" 6. RT per customer's request

FORM U-1A	(Back)
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2488036

exe; v6.2.98

NB Number 18865

U1A-18

Form and version:

conform to the ASME	atements mad BOILER AN vember 30, 2	de in this report are correct and that all D PRESSURE VESSEL CODE, Section 2018	details of design, m n VIII, Division 1. "L	aterial, construction, J" Certificate of Autho	and workmanship of this vessel orization Number 36229
Date 03/14/2016	Co. name	Chart Cooler Service Co	ompany, Inc.	Signed _	Mepresentative)
PAIR .		CERTIFICATE OF SHO	P/FIELD INSPECT	rion	, - ,
Vessel constructed b	y olding a valid	Chart Cooler Service Company, Inc. commission issued by The National Bo	at 3515 Dawso eard of Boiler and P	n Road, Tulsa, Oklahom ressure Vessel Inspe	na, 74115 ectors and employed by
OneCIS Insurance Comp					
and state that, to the AND PRESSURE VE warranty, expressed	best of my kr SSEL CODE or implied, co	scribed in this Manufacturer's Data Rep nowledge and belief, the Manufacturer h E, Section VIII, Division 1. By signing the procerning the pressure vessel described e in any manner for any personal injury	nas constructed this is certificate neithe d in this Manufactur	s pressure vessel in a r the Inspector nor his er's Data Report. Fu	s/her employer makes any irthermore, neither the Inspector
Date 03/14/2	016 Sig	ined_William B Brully M	Commissions		12752A, OK951 Board (incl. endorsements)]