## 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.	Manufacture	d and c	ertifie	ed by Ch	nart Co	oler Se	ervice	Compai	ny, Inc., 38			on Roa id addre				ia, 74115			
2. 1	Manufacture	d for \	VENT	TECH EN	GINEE	RS LL	C, 114	9 ELLS\		.O. E	OX 4	1261, P	ASA	DENA		, 77502		and and a control of	and the tenth of the angular control of the transfer.
3 1	Location of I	nstallati	ion (	Unknowr	1				(N	ame a	and ad	dress of	Purcha	aser)					
0. 1											(Nam	e and ac	dress)						
Alr Cooled Heat 4. Type Exch 45514-1 (Horizontal or vertical, tank) (Manufacturer's serial number)								,		45514-1-2 REV. 1 (Drawing number)				18180 (National Board number)			<b>2015</b> (Year built)		
									013/ N/A N/A						N/A				
					(8	Edition and	Addenda	, if applicabl	f applicable (date)] (Code Case numbers)						(Special service per UG-120(d))				
6. Shell: SA-240 304L .875 (Material spec. number, grade) (Nominal thi						.875" nal thickr	ness)	<b>25"</b> . allow.) (Ir			N/A Inner diameter)			N/A [Length (overall)]		Ĭ			
									Body Flang	es on	Shell	s							
No.	. Type ID		D	OD	OD Flange		Min Hub Thk		Material		ow ched	Location		Num & Size		Bolting	Washer (OD	, ID,	Washer
V/A	N/A	N/A	N/A N/A		N/A N/A		A N/A			N/A	-	N/A		N/A		Material N/A	N/A		Material I/A
	Seams:					N/A		C=.20	N/A		N/A	1		N/A	١	N		N/A	N/A
[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 or full)] (Eff., %) (No. of course																			
8. Heads: (a) Material SA-240 304L (b) Material SA-240 304L (Spec. no., grade) (Spec. no., grade)												The continues of the state of t							
	Location (Top	, Bottom,		Minimum	Co	rrosion			Knuckle Radi			Conical		ispheri	Flat	Diameter	Side to Pre		
	Ends	,		Thickness		lowance						\pex Ang				511 V 7 A7511	C	Concave) N/A	
(a)	TOP/BOT			75" / .5"		25"		N/A	N/A N/A		I/A	N/A N/A						N/A	
(n)																			
	Body Flanges on Heads Bolting																		
	Location	Тур	ype ID O		OD			Min Hub Thk			How Attached		Num & Size Bolting M			terial Washer (OD,		asher Material	
a)	N/A	N/A		N/A	N/A	N/A		N/A	N/A		N/A	\			,	N/A	N/A	N/.	A
9. I	MAWP		220 p					psi		at m	ıax. te	mp.			50 °F		350 °F (External)		-
A	fin. design n		(Interna	auj. -20 °F	<del>-</del>	at	_	temal) 220 psi			Hydr	o prieu	or c	,	est pres	sure	HYDRO a	t 294	nsi .
19	illi, design ti	ictai tei	пр	-20 [		a(		zzo pai	*		i iyai	o, pilou	., 01 0	VIII.	.001 p.00		111011011		,
F	roof test					i de demonstrator es escribor			202.7 - 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2- 2		N/A					and the same of th			
0. Nozzles, inspection and safety valve openings:																			
Purpose (Inlet, Outlet, Drain, etc.)		tlet,	et, No. Diameter or		or	Туре	,		terial		Ť.	le Thick	$\overline{}$		einforcement		ent Details		ation (Insp.
				Size		• •		ozzle	Flange		Nor		-		aterial	Nozzle UW16.1a	Flange		Open.)
Inlet			1	8"-300 6"-300		RFWN		2 TP304L 2 TP304L	SA-182 F3 SA-182 F3						Integral Integral	UW16.1a	UW16.1a UW16.1a		Vrapper Vrapper
Outlet Vent / Drain			2			L CPLG	-	82 F304L	N/A	1046	600			Integral		UW16.1a	UW16.1a		Vrapper
	itional Nozzles	s - See A			1, 5		L									<del>, l</del>			
1. Supports: Skirt NO Lugs 8 Legs NONE Other Nameplate Brackets Attached Header/Welded (Yes or no) (Number) (Number) (Describe) (Where and how)																			
2. R	emarks: Manul	,		•	•	,	ied and		Commissioned	d Inspe	ectors,	•	,	shed fo	r the follow	ring items of the			,
	I/A																		
							(Name	of part, item i	number, Manufa	cturer's	s name	and identit	ying sta	mp)					
	Line 6 -												x 9.	375"	X 11!	7,375"			
	Straight 1.Constr	ucted	per	Append	lix 28	3, 2.N	o re	lief de	vice per	. UG	-125	, 3.I	mpac	t te	st exe	mpt per U	JHA-51 (d)	<u>.                                    </u>	
	4.Tube:1	"x.083	3"MW	,SA-249	TP3(	)4L, Q	ty.2.	38, 5.S	ervice:	SYN	GAS	TRIM	COOL	ER#	1 6, R	T PER CUS	TOMER	_	••
	REQUEST																		

The state of the s			
conform to the ASM	tatements made in E BOILER AND PF ovember 30, 2015	CERTIFICATE OF SHOP/FIELD COMPLIANCE this report are correct and that all details of design, mate RESSURE VESSEL CODE, Section VIII, Division 1. "U"	Certificate of Authorization Number 36229
Date 03/06/2015	Co. name	Chart Cooler Service Company, Inc. (Manufacturer)	Signed James Aclifton (Representative)
	****	CERTIFICATE OF SHOP/FIELD INSPECTION	N
Vessel constructed t		art Cooler Service Company, Inc. at 3515 Dawson R mission issued by The National Board of Boiler and Pres	
OneCIS Insurance Comp	oany, of Lynn, MA		
and state that, to the AND PRESSURE VI warranty, expressed	best of my knowle ESSEL CODE, Sec or implied, concer	ed in this Manufacturer's Data Report on <u>March 6</u> adge and belief, the Manufacturer has constructed this position VIII, Division 1. By signing this certificate neither the ning the pressure vessel described in this Manufacturer any manner for any personal injury or property damage of	ressure vessel in accordance with ASME BOILER he Inspector nor his/her employer makes any 's Data Report. Furthermore, neither the Inspector

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Form and version: U1A-18

842A (National Board (incl. endorsements))

## FORM U-4 MANUFACTURER'S DATA REPORT SUPPLEMENTARY SHEET

As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Section VIII, Division 1

1. Manufactured an	d certifi	<sup>ed by</sup> <u>Chart</u>	Cooler Se	ervice Compan	y, Inc., 3515	Dawson	Road, Ti	ulsa, Oklahoma	, 74115			
2. Manufactured for					ORTH, P.O.		1, PASA	DENA, Texas,				
3. Location of instal	lation	Unknown								37.0		
						(Name	and address)	)	455			
4. Type Air	Coolec	l Heat Exch		/Table again	N/A rator, heat exch., e	to \						
(ноп	ontal, ver	tical, or sphere)		(Tank, Sepa	iator, fleat excit., e	10.7			(mendiance) of o	s serial number)		
N/A (CRN)				45514-1-2 REV. 1 (Drawing number)				18180 (National Board nui	2015 (Year built)			
,	,,,,,			***	T.			•				
			*									
Purpose (Inlet, Outlet,		Diameter or		Mat	erial	Nozzle 1	hickness	Reinforcement	Attachme	ent Details	Location (Insp.	
Drain, etc.)	No.	Size	Туре	Nozzle	Flange	Nom,	Corr.	Material	Nozzle	Flange	Open.)	
Inspection	476	1.125"	SHLD	SA-182 F304L	N/A	N/A	N/A	N/A	N/A	N/A	Plugsheet	
	*						Þ					
	×										*	
Certificate of Auth	orizatio	n: Type <u>"U'</u>		- Charles A H-Congression	No. 3622	9		_ Expires _	November	ovember 30, 2015		
Date 03/06/2018	5 1	Name	С	hart Cooler Servic	e Company, Inc	Ç		Signed	James	LChip	Ctow	
		1	Pila.	DA Junifac	curer)			2.3.(24	0.000	epresentative)		
Date 03/06/2018	5 I	Name 7	(Aut	horized Inspector)		Commiss	ions:	[Na	84: tional Board (in	2A icl. endorsemen	(s)]	

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(07/13)

