FORM U ANUFACTURER'S DATA REPORT FOR PRESSUR	F SSELS
(Alternation of Single Chamber, Completely Shop or Field Fabricated Vest	
As Required by the Provisions of the ASME Boiler and Pressure Vessel Code Rules, Sec	tion VIII, Division 1

1.	Manufactured	and cert	ified by <u>C</u>	hart Co	ooler S	ervice Comp	pany, Inc., :	3515	Dawson	n Road, 1	Tulsa, Ok	lahon	na, 74115			-	
(Name and address of Manufacturer) 2. Manufactured for KP Engineering, 5555 Old Jacksonville Hwy, Tyler, Texas, 75703																	
(Name and address of Purchaser) 3. Location of Installation Unknown																	
	Air Co								(Name	and addres	s)						
4. 1	Type E (Horizontal	xch or vertical t	tank) (Ma	3081	5B-1	ımbar\	N/A				I-2 Rev.2			18828			
5.	*				er's serial number) (CRN)				(Drawing number)				(National Board number) (Year bu			(Year built)	
ASME Code, Section VIII, Division 1					Edition and	2013/ N/A Addenda, if applic	cable (date))	ole (date)] (Code (N/A de Case numbers)			N/A (Special service per UG-120(d))			
6.	Shell:	SA-	516 70			1").125					(•	
(Material spec. number, grade)			e)	(Nor	ninal thickness)	ess) (Co				N/A (Inner diameter)			N/. [Length (Overall)]		
-		$\overline{}$	1	ī —	1		Body Flar	iges c	n Shells					Bolting			
No.	. Туре	ID	OD	Flange Thk	Min H	ub Thk	Material		How tached	Location	Num 8	Size	Bolting Material	Washer (OI thk)	D, ID,	Washer Material	
N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	1	V/A	N/A		N/A	N/A	N/		
7.	Seams:	Corne	Joint		N/A	C=.20			_ 1		N/A		N	I/A	N/A	N/A	
8.	ا الدورة: Heads: (a) Ma		I., sngl., lap, bu	tt)j įR.	.T.(spot or		(H.T. temp)	, i	(Time, hr)		elded, dbl., sr	ıgi., lap, i	outt)] [R.T. (sp	oot or full)]	(Eff., %)	(No. of courses)	
	(a) ivid	-				516 70 c. no., grade)			_ (D) M	aterial 			SA-5	16 70			
	Location (Top, B	attom,	Minimum		rrosion	Crown Radius	s Knuckle R	adius	Elliptical		Hemispher		t Diameter	Side to Pro			
(a)	Ends) Top / Botto	ım.	Thickness 0.5"		wance 125"	N/A	N/A				cal Radius	1	751 . 0 751	Солсаve)			
(b)			0.5"	0.125		N/A	N/A N/A		N/A N/A	N/A N/A	N/A N/A	N/A 11' 4.75" x 2.75" N/A 7.4375" x 2.75"		N/A N/A			
	<u> </u>		<u>.</u>	' -		<u> </u>	Body Flan	ges of	n Heads					 _		=:==	
	Location	Tuno	ID	OD	Flore	ma The Min H	luh			44				Bolting			
		Туре		OD	Flan	ge Thk Th		erial	Ho	w Attached	Num	& Size	Bolting Mate	erial Washer (c	OD, Was	sher Material	
	N/A N/		N/A	N/A	N/A	N/A_	N/A	-1-	N/A				N/A	N/A	N/A		
9. 1	MAWP		psi mal)	— -		15 psi (External)		atr	max. tem	^{ip.} —	425 (Inter			N/A (External)			
N	lin. design mel	al temp.	-20 °I	=	at	300 ps	si		Hydro,	pneu., or	comb. tes	t pres	sure l	HYDRO AT	at 390) psi .	
P	roof test								N/A								
10 N	lozzles, inspec	tion and	eafoty valv	o oponi	nan:									T-1		***************************************	
	ose (Inlet, Outlet		Diameter	or	Type	<u> </u>	Material		Nozzie	Thickness	Reinford	omen!	Attachme	ent Details	1	V (1	
Drain, etc.)		" No.	Size			Nozzie	Flang	je	Nom.	Corr.	Material		Nozzle	Flange		ocation (Insp. Open.)	
Inlet / Outlet		4	3"-300		RFWN	SA-106 B	SA-10			0 0.125"	Integ		UW16.1a	UW16,1a		rapper	
	Temp / Press Vent / Drain	2	1"-300		RFWN RFWN	SA-106 B	SA-10		11	0 0,125"	Integ			UW16.1a		rapper	
	Inspection	468	1.125"		SHLD	SA-106 B SA-105	SA-10 N/A		N/A	0 0.125" N/A	Integ N/		UW16.1a N/A	UW16.1a N/A		rapper Igsheet	
									,	1		•	1377	1967	, ,,,	gancor	
11. 8	Supports: Skirt		lo Lug	js <u>{</u> (Num		egs None			Na Na	meplate Br.			Attached		er / Weld re and how		
12. Remarks: Manufacturer's Partial Data Reports properly identified and signed by Commissioned Inspectors, have been furnished for the following items of the report:																	
N/A																	
	Ti C	m1.	_ 4 - 5	. .	•	(Name of part, ite				, ,	.,	_				<u></u>	
	Line 6 Straight l	ength	of tubes	, OR,	Dist	ance between	een the h	eade	ers: 3	2' 0.0"							
	1. Constru & UCS-68(c	cted p	er Apper	ndix 2	8, 2.	No relief	device p	er [JG-125	. 3.Imp	act tes	ting	exempt po	er UCS-6	<u>5_</u>		
;	COOLER" 6.	RT pe	r custon	mer's	reque	st	<u>y 2</u>	<i>⊶</i>	J. Sel	<u></u>	CHIO THIN	LUER	POLICED !	<u> </u>			

FORM U-1A (Back)

NB Number 18828

conform to the ASM	tatements made in this r	RTIFICATE OF SHOP/FIELD COMPLIANCE eport are correct and that all details of design, n URE VESSEL CODE, Section VIII, Division 1. "I		
Date 03/01/2016	Co. name	Chart Cooler Service Company, Inc. (Manufacturer)	Signed	Lingland Representative)
		CERTIFICATE OF SHOP/FIELD INSPEC	TION	
Vessel constructed to I, the undersigned, h	· · · · · · · · · · · · · · · · · · ·	on issued by The National Board of Boiler and P	n Road, Tulsa, Oklahoma, 74115 ressure Vessel Inspectors and	employed by
OneCIS Insurance Comp	oany, of Lynn, MA			
and state that, to the AND PRESSURE VI warranty, expressed	best of my knowledge a ESSEL CODE, Section or implied, concerning to	this Manufacturer's Data Report on Marcl and belief, the Manufacturer has constructed this VIII, Division 1. By signing this certificate neithe the pressure vessel described in this Manufacture anner for any personal injury or property damage	s pressure vessel in accordanc r the Inspector nor his/her emp rer's Data Report. Furthermore	loyer makes any e, neither the Inspector
Date03/01/2	016 Signed	(Authorized hispector) Commissions	12752A, Oh [National Board (incl. e	

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exe: v6.3.112

Form and version: U1A-18