FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSUBEL/ESSELS

(Alternation of Single Chamber, Completely Shop or Field Fabricated Vetally)

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

1. Manufactured and certified by Chart Cooler Service Company, Inc., 3515 Dawson Road, Tulsa, Oklahoma, 74115, USA (Name and address of Manufacturer)																	
2. Manufactured for KP Engineering, 5555 Old Jacksonville Hwy, Tyler, Texas, 75703, USA																	
(Name and address of Purchaser) 3. Location of Installation Unknown																	
Air Cooled Heat (Name and address)																	
4. Type Exch 308 (Horizontal or vertical, tank) (Manufactur			3081 nufacture	315A-1 rer's serial number)			N/A (CRN)			30815-1-2 Rev.2 (Drawing number)			(Natio	18827 (National Board number)			
5. ASME Code, Section VIII, Division 1 2013/ N/A N/A N/A																	
[Edition and Addenda, If applicable (date)] (Code Case numbers) (Special service per UG-120(d)))						
6.	Shell:	SA-5	16 70			1"		0	.125"			N	A		N	/A	
(Material spec. number, grade) (Nominal thickness) (Corr. ellow.) (Inner diameter) [Length (overall)]																	
Body Flanges on Shells Botting How Botting																	
No		ID	OD	Flange Thk	MITTEL	ıb Thk		ateria i	Atta	ached	Location	Nu	m & Size	Bolting Material	Washer (OE thk)		Washer Material
N/A		N/A	N/A	N/A	N/A]	N/A	 	N/A		AVA	INA		N/A	N/A	N	/A
7. Seams: Corner Joint N/A C=.20 1150 °F 1 N/A																	
	Location (Top, B Ends)	ottom,	Minimum Thickness		rrosion owance	Crown	Radius	Knuckle Ra	adius	Elliptical Ratio	Conical Apex Angle	Hemisp cal Ra		lat Diameter	Side to Pro	essure ((Concave)	
(a)	Top / Botte	om	0.5"	0.	.125"	N	/A	N/A		N/A	N/A	N/A	11'	4.75" x 2.75"		N/A	
(b)	End		0.5"	0.	125"	N	/A	N/A		N/A	N/A	N/A	7.4	375" x 2.75"		N/A	
Body Flanges on Heads																	
	Location	Туре	ĮD.	QD.	Flan	ge Thk	Min Hul Thk	Mat	erial	Ho	w Attached	1 N	ım & Size		Bolting Washer (F ID, thk	OD, Wa	sher Material
(a)	N/A N	A	N/A	N/A	N/A		N/A	N/A		N/A				N/A	N/A	N/A	1
9.	MAWP	300 (Inter					psi emal)		at r	max. ten	^{np.} —		25 °F Internal)		N/A (External)		-
J	din. design me	•	•	<u> </u>	at _	•	300 psi	·		Hydro,	, pneu., o	•	•	ssure	HYDRO AT	at 39	0 psi .
F	Proof test			, ,,,,					<u> </u>	N/A							•
10.1	Nozzles, inspec	tion and	safety valv	e open	ings:												
Purpose (inlet, Outlet, Drain, etc.)		t, No.	Diamete	ror	Туре	Nozzle		iterial		Nozzie	Thickness		Reinforcemen	"	ent Details	Location (Insp. Open.) Wrapper	
			Size					Flang		Nom.		+	Material	Nozzie UW16,1a	Flange UW16.1a		
Inlet / Outlet Temp / Press		4	3"-300 1"-300				-106 B -106 B	SA-1			50 0,125" 60 0,125"		ntegral ntegral	UW16.1a			Wrapper Wrapper
Vent / Drain		2	1"-300				-106 B				60 0.125"		ntegrai	UW16.1a	UW16.1a		Wrapper
	Inspection	468	1.125		SHLD	S	\-105	N/A		N/A	N/A		N/A	N/A	WA	F	lugsheet
12.	Supports: Ski Remarks: Manufa	(Yes	or no)		mber)	Legs	None (Number) signed by	Other			ameplate E (Describ ave been fi	9)	or the foll	Attached	(Whe	er / Wei ere and ho	
N/A (Name of part, item number, Manufacturer's name and identifying stamp)																	
Line 6Tube and Plug Dimensions OR Header Dimensions: 8.75" X 5.0" X 11' 4.75" 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 .109"MW, SA-214, Quantity 234, 5.Service: "DEBUTANIZER BOTTOMS AIR COOLER" 6. RT per customer's request																	

		FORM U-1A (Back)	NB Number 18827					
COURTING THE WOLVE	atements mad EBOILER AN vember 30, 2	CERTIFICATE OF SHOP/FIELD COMPLIANCE le in this report are correct and that all details of design, material, co D PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Certific 018	onstruction, and workmanship of this vessel cate of Authorization Number 36229					
Date 02/23/2016	Co. name	Chart Cooler Service Company, Inc. (Manufacturer)	Signed					
		CERTIFICATE OF SHOP/FIELD INSPECTION						
Vessel constructed b I, the undersigned, he OneCIS Insurance Comp	olding a valid	Chart Cooler Service Company, Inc. at 3515 Dawson Road, Tu commission issued by The National Board of Boiler and Pressure V	ulsa, Oklahoma, 74115, USA /essel Inspectors and employed by					
have inspected the cand state that, to the AND PRESSURE VE warranty, expressed	omponent des best of my kn SSEL CODE or implied, co	oribed in this Manufacturer's Data Report on February 23, 201 owledge and belief, the Manufacturer has constructed this pressure. Section VIII, Division 1. By signing this certificate neither the Inspendenting the pressure vessel described in this Manufacturer's Data in any manner for any personal injury or property damage or a loss	e vessel in accordance with ASME BOILER ector nor his/her employer makes any Report. Furthermore, neither the Inspector					

_Commissions

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exe: v6,3,130

U1A-18 Form and version: