## FURM U-TA MANUFACTURER'S DATA REPURT FUR 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. N	1anufacture	d and	certifie	ed by Cl	hart Co	oler S	ervice	Compa	ny, Inc., 35				<b>fulsa, O</b> Manufacti		ıa, 74115				
2. N	lanufacture	d for	KP E	ngineeri	ng, 55	55 Old	Jacks	onville H	lwy, Tyler,	Texas, 7	570	)3		urer)					
		-							(Na	ime and ac	dres	s of Purc	chaser)						
3. L	ocation of I				<b>n</b>			, er gag manannag		(Nam	e an	d addres	is)		announcement of the state of th			Nagara et des Austrias Austrias anno mante anno a	
1 T	Air Cooled Heat 4. Type Exch31015C-1						N/A				í		18866						
<del>4</del> . 13	(Horizon	tal or vert	ical, tank	k) (Ma	nufacturer		ımber)		(CRN)				g number)		(Nation	nal Board numb	er)	(Year built)	
5. /	ASME Code	e, Secti	ion VII	II, Divisio	n 1		2013	N/A				N/A				N/A			
					[3	Edition and	Addenda	a, if applicabl	e (date)]	(Co		ase numbe	ers)		(Spe	cial service per	UG-120(d)	))	
6. Shell: SA-516 70 1" 0.125"							N/A	N/A N/A											
	,	(Materia	al spec. n	number, grad	e)	(Non	inal thick	ness)		allow.)		****	(Inner diam	ieter)		(Lengt	h (overall)		
	T			1	T	T			Body Flange	es on Shel	ls		<del>.</del>		· · · · · · · · · · · · · · · · · · ·	Bolting			
No.	Туре		ID	OD	Flange Thk	Min H	ub Thk	Ma	terial	How Attached		Location	Num	& Size	Bolting	Washer (O	D, ID,	Washer	
						817.8		31/4				A	N/A		Material N/A	N/A		Material N/A	
N/A	N/A	N/	IA .	N/A	N/A	N/A		N/A	10	N/A	N/A	Α	N/A						
7. S	eams:	Col	rner J	<b>Joint</b> sngl., lap, bul	H/1 (D	N/A T.(spot or	6.001	C=.20 (Eff.,%)	1150 °F (H.T. temp)	1 (Time, hi	٠ ۱	(Gidh (u	N/A velded, dbl., :			I/A pot or full)]	N/A (Eff., %)	N/A (No. of course	
8 F	اوads: (a)			siigi., iap, oui	rt)] [rx			•	(m.n. temp)	•		terial	reided, dbi.,	anga, iap, i	, , ,		(14111)	(1101 01 000100	
0	(a)	watena	aı				516 7 c. no., gra		The state of the s	(0)	IVICIL	(C) (C)	, ,		SA-5 (Spec. n	16 70 o., grade)			
ſ	Location (Top	, Botton	n, 1	Minimum	Co	rrosion	~ <del>~</del>	n Radius	Knuckie Radi	ius Elliptica					Diameter			Convex or	
	Ends	)	1	Thickness		wance				Ratio	Ļ	(	cal Radius	1			Concave	)	
(a)	Top / Bo			0.5"		125"		N/A	N/A N/A N/A N/A		1	13' 6.25" x 7.375" 12.4375" x 7.375"		N/A					
(b)	Enc	End		0.5" 0.		125"		N/A	N/A	N/A	N/A N/A 12.437		5" X 7.375" N/		N/A				
			" ·						Body Flange	s on Head	s					Bolting			
	Location	cation Type ID OD Flange Thk Min Hub Material How Attached Num & Size					Balling Material Washer (OD, Washer Material												
								Thk	1				- INUIT	N/A		10, 00	·/		
(a) N/A N/A			N/A		N/A N/A		1		N/A	N/A at max. tem		np. 250 °F		N/A N/A		N/A	4		
9. MAWP 75 psi 15 psi at max. (Internal) (External)						at max. c	(Internal) (External)												
Min, design metal temp.				-20 °F at			75 psi .			Hydro, pneu., or comb. test pres			ssure HYDRO AT at 98 psi						
,	•					***													
P	oof test						, , , ,			N/A									
IO NI	ozzles, insp	ootion	and e	afatu yalı	a anan	inae.													
		ritot		<del></del>	<del></del>	ii igo.	1	Mate	rial	Nozzle	Thic	ckness	Reinfo	rcement	Attachm	chment Details Location (Ins			
Purpose (Inlet, Outlet, Drain, etc.)		ilici,	No. Diamete Size				Nozzle		Flange			Corr.	_	terial	Nozzle			Open.)	
Inlet			2	·		RFWN		A-106 B	SA-105	Sch. 80		0.125"	Int	egral	UW16.1a	UW16.1a	V	Vrapper	
Outlet			2	4"-150#				\-106 B	SA-105	Sch. 16	_	0.125"		egral	UW16.1a	UW16.1a	٧	Vrapper	
Temp / Press			4					1-106 B	SA-105	Sch. XX		0.125"		egral	UW16.1a	UW16.1a		Pipe	
Vent / Drain			2				RFWN SA		SA-105	Sch. XX	Stg.	0.125"	*******	egral	UW16.1a	UW16.1a		Vrapper	
	Inspection		834	1.125'	<u>`</u>	SHLD	<sub> </sub> S	A-105	N/A	N/A		N/A		I/A	N/A	N/A	1	ugsheet	
							_		0.1						Attachard				
11. S	upports: S	kirt	No Lug (Yes or no)			(Number)		None (Number)	Other			meplate Bracket (Describe)			Attached	Header / Weld (Where and ho			
12. Re	marks: Manu	facturer <sup>i</sup>	•	•	•		ified and	, ,	Commissioned	Inspectors	hav		•	the follow	ving items of the	•		•	
	/A	.acaror	- , and	2-21-31 1 10/10	h. ob.	,									•	•			
	•					<del></del>	(Name	of part, item	number, Manufa	cturer's name	and	identifying	stamp)		***		•		

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	<b>U-1A</b>	(Back)
------	-------------	--------

2488037

exe: v6.2.98

NB Number 18866

Form and version:

U1A-18

conform to the ASMI	tatements mad E BOILER AN ovember 30, 2	CERTIFICATE OF SHOP/FIELD COMPLIANCE de in this report are correct and that all details of design, materia D PRESSURE VESSEL CODE, Section VIII, Division 1. "U" Cer 1018	al, construction, a rtificate of Autho	and workmanship of this vessel rization Number 36229
Date 03/14/2016	Co. name	Chart Cooler Service Company, Inc.	Signed _	Menresontative)
		(Manufacturer)  CERTIFICATE OF SHOP/FIELD INSPECTION		(Aspiroganians)
Vessel constructed to I, the undersigned, h		<u>Chart Cooler Service Company, Inc.</u> at <u>3515 Dawson Roa</u> commission issued by The National Board of Boiler and Pressu		
and state that, to the AND PRESSURE VI	component de best of my kr ESSEL CODE or implied, co	scribed in this Manufacturer's Data Report on March 8, 20 nowledge and belief, the Manufacturer has constructed this prest, Section VIII, Division 1. By signing this certificate neither the luncerning the pressure vessel described in this Manufacturer's Ea in any manner for any personal injury or property damage or a	ssure vessel in a Inspector nor his Data Report. Fur	her employer makes any orthermore, neither the Inspector
Date 03/14/2	<u>2016</u> Siç	ned William B. Bright Commissions		12752A, OK951 Board (incl. endorsements)