WC-8822 Job No.

SAP# 66416554

FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS

(Alternative Form for Single Chamber Complete (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	Manufactured and certif	fied	by Wa	rd Tank & H	leat Exchanger Co				d., Charlot		arolina,	28215	is a monthly with the first \$1500 p.t. (170 Sept) before an appropriate to a specimen and a september of the
2. N	lanufactured for Invi	sta,	El Pas	co, Texas, 7	9998-2253	(Nome	or in the second			na tanàna mandra mpiny arina and			
3. L	ocation of Installation	Inv	ista, 12	455 Strang	Road, LaPorte, To				purchaser)				
							(Name					23 2 2 4 K 11 C 11 C 1 C 2 C 2 C 1 C	tion of the Colon was the date for the Colon and the Colon and Sales and the Colon and
(Horizontal or vertical, tank) (Manufa 5. The chemical and physical propertie			WC-8822 facturer's serial ni ies of all part	umber) (CR s meet the requirem	(CRN) (Drawing number) (National Board number) (Year lifements of material specifications of the ASME BOILER AND PRESSURE VESSEL							VESSEL	
	CODE. The design, co			and workmar	iship conform to AS	ME Rules, So	ection V	III, Dr	vision 1	2010 (year)	to	2011 denda, if application	
	(Code	Case	numbers)		15	N/A pecial Service per	- IIC-120/c	n)		(year)	[Add	ienoa, ii applici	ade (Date))
6. S	hell: SA240 S31			5	.375"	.062*		'))	61	(ID)			20'
	(Material spec.	. num	per, grade)	(Non	ninal thickness)	(Corr. allo		TELL SERVICE AND		iameter)	they are set that the security of the part of the		h (overall)]
	eams: 1 [Long. (welded, dbl.	, sngl	., lap, butt)]	Spot R.T.(Spot or		N/A T. temp)	N/A Time (hr)			<b>,3</b> , dbl., sngl., lap,		ot or full)]	<b>85% 3</b> Eff(%) No. of Courses
8. H	leads: (a) Material				31803/S32205 c. no., grade)		(b) M:	ateria		SA	240 S318 (Spec. no	303/S3220 ., grade)	<b>5</b>
	Location (Top, Bottom, Ends)		nimum ckness	Corrosion Allowance	Crown Radius Ki	nuckle Radius	Elliptical I	Ratio (	Conical Apex Angle	Hemispherica Radius	Flat Diameter	Side to F	Pressure (Convex or Concave)
(a)	Тор	-	25"	.062"	N/A	N/A	2:1		N/A	N/A	N/A		Concave
(b)	Bottom		25"	.062"	N/A	N/A	2:1		N/A	N/A	N/A		Concave
	movable, bolts used (de IAWP 100	psi	ibe othe	r fastenings)	N/A	at m	nax, tem		3	grade, size, num 00 °F	ober)	300 °F	mas Authoritation Managem
		naj	00 0m		(External)				(1	nternal)		(External)	
Pr	in. design metal temp. roof test lozzles, inspection and	safe	-20 °F	at openings:	100 psi		Hydro, N/A	pneu	., or comb.	test pressure	9	HYDRO	at 135 psi
Purp	ose (Inlet, Outlet, Drain,	NI-	Diameter	T	Materia	al	190	zzie	l		Attachme	ent Details	Location (Insp.
	etc.)	No.	or Size	Туре	Nozzle	Flange	Nom.	Corr.	Reinforcem	ent Material	Nozzle	Flange	Open.)
	Drain, Level	3	2"	150# RFLWN			.530"	.062"			Welded	200	Shell
210	Vent nway w/blind & davit	1	8" 24"	150# LJ	SA790 S31803/S322	-	-	-	SA240 S31	803/\$32205	Welded	252	Shell
1914	Temp.	1	1.5"	150# LJ 150# RFLWN	SA240 S31803/S322	SATUS Gal	v375" .560"	.062"	-	-	Welded Welded	### ##################################	Shell Head
quid	outlet w/vortex breaker	-	16"	150# LJ	SA240 S31803/S322		-	.062"		803/\$32205	Welded	15.000	Head
	Vapor Inlet	1	20"	150# LJ	SA240 S31803/S322			.062"	<del></del>		Welded	020	Shell
1. S 2. Re	upports: Skirt N. (Yes of amarks: Manufacturer's Particular.  WA  The customer is	or no) ial Da	Lugs ata Report	(Number) s properly ident	(Name of part, item nur	mber, Manufacture	er's name a	(Des	tifying stamp)	or the following	items of the	(Wh	ell/Welded ere and how)
We	certify that the statement	s ma	de in this , Section	report are corr	FICATE OF SHOP ect and that all details . "U" Certificate of Aut	of design, mate	erial, con	struction	on, and work		s vessel cor		ASME BOILER
Da	ate 02/21/2014	Co.	name	E. POER - Ne William	Ward Tank & H (Manufactu		r Corp.	net se insula chedistic	m. N. T. S.	Signed	-	Rep esen	alive)
					CERTIFICATE (	OF SHOP/FI	ELD IN	SPE	CTION				The second little section is the second section of the second section of the second section se
enc PR the	ssel constructed by dersigned, holding a valid of demployed by HSB Globs February 21, 2014 ESSURE VESSEL CODE pressure vessel described perty damage or a loss of	al Sta and s , Sec d in t	mission is andards, o state that, ction VIII, his Manu	sued by The N of Hartford, CT to the best of Division 1. By facturer's Data	my knowledge and bell signing this certificate Report. Furthermore,	ief, the Manufa neither the Insp neither the Ins	Vessel In have in cturer ha	nspectors nspectors or his/h	ors and/or the ed the compo structed this p er employer	onent describe pressure vesse makes any wa	ince NC d in this Ma el in accorda rranty, expr	inufacturer's ance with AS essed or im	olied, concerning
	Date 02/21/2014	1	Sign	ed 60	galatherizade in specior	>°	ommissio	ons	(Natio	onal Board (incl. e	10652AB, Nendorsements		ce and number)

		vision 1
		215
o, Texas, 79998-2253		
455 Strang Road, LaPorte, Texas, 77571		
N/A (Tank, separator, heat exch., etc.)	WC-88	
2013-WC-8822 Rev. 1	4858	2014
	d Tank & Heat Exchanger Corp., 6670 E. Harris (Name and o, Texas, 79998-2253 (Name and address A455 Strang Road, LaPorte, Texas, 77571 (Name	(Name and address of Purchaser)  2455 Strang Road, LaPorte, Texas, 77571  (Name and address)  N/A  (Tank, separator, heat exch., etc.)  (Manufacturer's se

Purpose (Inlet, Outlet,	Ma	Diameter or	Type	Material		Nozzle T	hickness	Reinforcement	Attachment Details		Location (Insp.
Drain, etc.)	No.	Size	Type	Nozzle	Flange	Nom.	Corr.	Material	Nozzle	Flange	Open.)
Liquid Inlet	1	14"	150# LJ	SA240 S31893/S32205	SA105Galv.	.5"	.062"		Welded	200	Shell

Certificate of Authoriza	ation: Type _	'U" No. 1836	5
Date 02/21/2014	Name	Ward Tank & Heat Exchanger Corp	D.
		(Manufacturer)	AND THE PROPERTY OF THE PROPER
Date 02/21/2014	Name	desl & Sugar	Commissions:
		(Authorized Inchestor)	

Expires February 17, 2014

Signed

10652AB, NC1206 [National Board (incl. endorsements)]

1885744

exe: v6.2.16

(07/13)