FORM U-2 MANUFACTURER'S PARTIAL DATA REPORT

A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1 BUNDLE AND CHANNEL

							The same of the sa									And in contrast of the last of		
1. N	Nanufactured and	d certified by	OHMS	TEDE LTD.	LA POF	RIEP	LANT, 12		IGHWAY 225				XAS 77571					
N	lanufactured for	GIANT Y	ORKTOV	VN REFINE	RY, 220	1 GO		ECK F	ROAD, GRAF	TON	VA 23							
	191 BV 510								and address of									
3. L	ocation of install	lation GIAI	NT YOR	KTOWN REI	FINERY	, 2201	GOODV	/IN NE	CK ROAD, (Control Color		VA 236	92					
									(Name and a		s)							
4. T			AND CHAN	110000		526203 -												
		escription of ve	ındle))	The second secon														
-	(114			52620)3	-		OHMS					2006					
	(Nat'l. B			(Drawing		(Drawing prepared	pared	by)			(Year built)							
5. A	SME Code, Sec	tion VIII, Div. 1		F.Pr.			~ .	-			Special Service per UG-120(d)							
					n and Ad						Case N					20(d)		
Items	s 6 - 11 incl. to I	be completed t	or single	wall vessels,	jackets	of jack					ers, or c	hamber	of multi-chamb	er vesse	ls.			
6. S	hell (a) No. o	f course(s):					(b)	Overall	length ft & in.:				•					
Course(s)			-	Material	<u> </u>	Thickness Nom. Corr.				Long. Joint (Cat. A)		Circ	ım. Joint (Cat. A	B, & C)	Heat T	eat Treatment		
No.	No. Diameter, in. Length ft & in.		. Spec.					Туре	Full, Spot, None		Eff.	Type	Full, Spot, Nor	ne Eff.	Temp.	Time		
-	-	-	-			-		+:			1:	-		+-	-	 		
-	-		-			_	-	ti	1		H	+	<u> </u>	+-	-	-		
7. Heads: (a)											1 - 1 -							
7. п	eaus. (a)	(Mast'l Cr	on No. C	e Crada or Tuna	UT T	ma 9 7	Fomn		(b)		/Marti C	Span No	Condo os Timo	VIII T	0 T			
	Location (Top			c. No., Grade or Type) H.T Time & Temp					Hemispherical	-	lat	-	to Pressure	e) H.T Time & Temp Category A				
	Bottom, Ends) Min.							nical	Radius Diamet				x Concave					
(a)	-			-	-	_			-		-	-	-	-	•	-		
(b)		1 - 1	•	-	-	-					-	Ξ.	-	-	-	-		
If rem	ovable, bolts use	ed (describe otl	ner fasteni	ing)							-			N. N. J. J. S.				
									(Mat'l Spe	ec. No	o., Grade	e, Size, N	No.)					
8. Ty	pe of jacket			-				01122===0.0V	Jacket closus	re	- 10/2027 (2021)		-					
(Describe as ogee & weld, bar, etc.)																		
- If b	ar, give dimensi	ons						•						If b	olted, descril	oe or sketch.		
M	AWP -			nsi at may ter	nn			22	۰F	Min	design r	metal ten	00	°E	at	nei		
MAWP psi at max. temp °F Min. design metal temp °F at psi. (internal) (external) (external)																		
10. Impact test at test temperature of °I (Indicate yes or no and the component(s) impact tested)														'F				
		and and an analysis of the same and the same																
11. H	ydro., pawu , au	bernaba. test pres	s			_ P	roof test											
Items	12 and 13 to be	completed fo	r tube se	ctions.														
12. Ti	ubesheet:	SA-516-70 /	SB-127 4	40	3	2 3/4	н		1 7/8 "			22	1/8 "	BOLTED				
	-	Stationary (Ma							Nom. thk., in.				Allow., in.	Attachment (welded or bolted)				
	SA-516-70 /S	SB-127 440		31 1/2 " 1								BOLTED						
									Nom. thk., in. Corr. Allow., in									
13. Tubes: SB-338 Gr 2 Wld 3/4"								0.049					659 STRAIGHT					
	Mat'l			Nom. thk., in. or gauge Number Type (Straight or U)														
Home	14 - 18 incl. to I	na completed	ios innos	shambam of i		.D., in.		.ala a61							,, - ,3			
14. Sh			or mater (0.5	ucheleu	v C336			3.5				4104	/4 H				
14. 50				1				erail ier	ngth (ft & in.):				1'21		7			
Course(s) No. Diameter, in, Length ft & in.				Material Grade or Type	Nor	Thickr	Corr.	Type	Long, Joint (C Full, Spot, N		Eff.	Circu Type	m. Joint (Cat. A. Full, Spot. None		Heat Tr Temp.	eatment		
1	33 " I.D.	1'21/4"	-	40 TP316/L	.25		0.00"	1	FULL	AUG I	1	1	FULL	1	Temp.	Time		
-	-	•		-	-		-	-			-	·	-	1:	1 -			

FORM U-2 (BACK)

ś: (a) _								(b)				-				
			pec. No., Gra				(Mat'l Spec. No., Grade or Type) H.T Time & Temp									
	Location (Top, Thickness Radius Bottom, Ends) Min. Corr. Crown Knuckle						Conical Apex Angle	Hemispherical Radius D		Flat Diamete		Pressure Concave				Eff.
4)			-	Ratio -	-	-		-	-	-	-	1 00.00	-	-		
(b) -		- 1	-	-						-			-			-
If removable, bolts	used	(describe o	ther fastenin	g)					Week Select							
									at'l Spe	c. No., Gr	ade, Size, No.					
			P	si at max.	temp.				F	Min. desi	gn metal temp	20		'F at _	75	_ ps
	nternal) (ex	demal)		EVE	(internal)	100	nai)				-144				
17. Impact test			description	-	EXE		yes or no an	nd the com	ponent	t(s) impact	tested)	at test	tempera	iture or		
18. Hydro., <i>рявы</i> ,	auren	mile tost nre	ace.	150	i i	•	of test		•							
						. 110						-				
 Nozzles, insper Purpose (Inlet, 	ction,	Diameter		js:	B.A.o.	torial		Nordo 1	Chielene		ainfaraamaat	l Un	^ М Ь		1	
Outlet, Drain, etc.)	No.			Nozzle		terial Fla	ange	Nozzle Thickness Nom. Corr.			einforcement Material	Nozzle	v Attach	lange	Locati (Insp. O	
Inlet / Outlet	/ Outlet 2 8 " 150# FFSO SA-312		TP 316/L	L SA-182 F316/L		0.322	-			WELD	35 - 50	WELD				
Misc.	1	3/4 " 6M	1		•		SA-182 Ty F316/L		0.00		-		V	VELD	-	
Misc.	2	1/2 "	CPLG	 		SA-182	2 F316/L	-	0.00		-	 -	_ \ v	VELD		
			1 2 2 2 3 3								+					
			-	-	-	-				+ -	-					
-				†							+					
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	-	-		-	•							-		-	-	
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0. Supports: Skirt					- No.)	Legs		Othe	ers			Attached	i t			
1. Remarks: MD	NAT E	(Yes or No		C	NO.)		(No.)			(De	escribe)			(vvnere	and How)	
CUSTOMER			Sharman V.											Marine		
-	11 - 101	140. 0-00	70 171													
												Same Management				
-						0.000										

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-																
-																
					CERTIF	ICATE O	F SHOP/F	IELD CO	OMPLI	IANCE						
We certify the	at the	statements	s made in this	s report ar	e correct an	d that all de	etails of mate	erial, cons	truction	n, and work	kmanship of th	nis pressure v	essel pa	art confor	m	
to the ASME	Code	for Pressu	ıre Vessels, S	Section VII	I, Division 1	9 6										
U Certificate	of Au	thorization	No		18,673		E	xpires _			9 06/	27/2007				
Date03/	/17/20	006 Na	ame OHMS	STEDE I	TD LAP	ORTE PI	ANT	5	Signed	TE.	ndel	an				
						facturer)					(Re	epresentative)				
					CERTI	FICATE (OF SHOP/F	FIELD IN	SPEC	TION						90. I No. 10
I, the undersign	ned, h	olding a vali	id commissic	n issued t	y The Natio	nal Board	of Boiler and	l Pressure	Vessel	Inspector	rs and the Sta	te or Province	of	TE	XAS	
I, the undersigned, holding a valid commission issued by The National Board of Boiler and Pressure Vessel Inspectors and the State or Province of and employed by HSB CT of HARTFORD, CT have inspected the																
pressure vesse							03/17/				state that, to the				belief, the	
Manufacturer h																
nor his employe																
neither the insp		nor his emp	oloyer shall be	e liable in	any manner	for any per	rsonal injury	or propert	y dama	age or a lo	ss of any kind	arising from o	or conne	ected		
with this inspec	tion.			./.	^ /											
Date03/1	7/200	06 Sign	ned	That	Del	n		Comm	nissions	s N.B. 1	2906 A, TX	1766				
				(A	uthorized in	spector)					Board incl. en		tate Pr	ovince ar	nd No.)	-





