Mfg. Representative: Authorized Inspector:

Date: //-3 Date: //-3

## FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE YES

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

1.	Manufac	tured an	d certif	ied by	OHMST	EDE LTC	., CORPU	S CHRI						US CHRI	STI, TI	EXAS	78405			
2.	(Name and address of Manufacturer)  Manufactured for UNITED RENTAL; 8221 HIWAY 225; LAPORTE, TEXAS 77471																			
2		-f:4-I			TED DEN	FAL '- 000	4 1104/43/	005	•	and address		rchaser)								
3.	Location	of instal	lation	UNI	TED REN	IAL; 822	1 HIWAY	225 ; LA	PORTE	Name a		ress)								
4.	Туре	Horizon	tal				HEA	AT EXC	HANGER	•			4587	'41						
			(Horizo	ontal, ve	rtical, or sph	ere)	(	Tank, sep		t. vessel, he	at exch	ı., etc.)		(Manı	facture	's serial	number)			
			2011		45	8741R0				3268				2014	1	04				
5	ASME C		CRN)	III Div	1 2013		rawing num	ber)		(Na	tional B	oard num	nber)			(Year	built)			
٠.	7.0	000, 000	011017	, 0			Addenda, if a	applicable	e (date)]	(	Code C	ase num	ber)		[Special	service	per UG-12	20(d)]		
			-		single wai (s) <u>2</u>		- ,	-			heat e	_	ers, or c	hamber o	f multic	hambe	r vessels			
_													T 2:			1				
No.	Course(s)			th		erial		ickness Corr	. Type	T	nt (Cat. A) ot, None Eff.		Circum. Joint (Cat		_	& C)   Eff.	Heat Tre	Time		
1	38" 1.1		Zengt 7'-11	-	Spec./Grade or Type SA-516-70		.7500	_	<del></del>	Spe		.85	1	Spot Spot		.85	-	-		
2	38" I.I	-	6'-3 1/			16-70	.7500	-		Spo		.85	1	Spot		.85	-	-		
-	-		-			-	-	-	-			-	-	-		-	-	-		
_								Body F	langes on	Shells										
												— т		Bolting						
No.	Туре	ID.		OD	Flange Thk	Min Hub Thk	Mater	ial	How Attached	Location	Num &	S Size	Bolting M	laterial		sher D, thk)	Washe	r Material		
1	*	38"		45 1/8"	4 5/16"	3/4"	SA-350LF		UW12(1		-		-	latorial	(00)	-	1100.10	-		
-	-	-		-	-	-	-		-	-	-		-		-		-			
-	-				<del>  -  </del>		-		-		-	·	-	-				-		
_	<u> </u>	-		-			-		-	- 1	-					-		-		
7.	Heads: (	(a) <u>-</u>	(Ma	terial spe	ec. number, g	grade or ty	pe)(H.T tir	ne and te	emp.)	(b) <u>:</u>	SA-516 (N		pec. num	ber, grade o	or type)(	H.T tin	ne and tem	np.)		
	Location	(Ton	Thick	ness	Rad	lius	Elliptical	Coni	cal F	lemispheric	al Flat Side to Pressure Category A						•			
	Bottom, Ends)		Min. Corr.		Crown	Knuckle	Ratio	Apex A		Radius		iameter			ncave Type Full,		Spot, None Eff.			
(a)			-	-					-		-					NONE OF				
(b)	ENI	)	.7500"	.1250"	-	•	2:1			-		-	-	X	S	<u></u>	NONE	.85		
_								Body F	langes on	Heads										
							NA:-		- 1					Bolti	Bolting		<del></del>			
	Location	Туре		ь	OD	Flange Thk	Min Hub Thk	Mate	erial	How Attached	Num & Size		Bolting Material		Washer (OD, ID, thk)		Washer Material			
(a)	-	-		-	-	-	-			-	-				-		-			
(b)	-	-		- I	-	-	-			-	-		-					-		
8.	Type of j	acket-								_ Jacket	closu	re <u>-</u>								
													(E	Describe as	ogee ar	nd weld,	bar, etc.)			
	If bar, g	ive dime	nsions	<u>-</u>											If bo	lted, de	scribe or	sketch.		
9.	MAWP	500		-		ax. temp			<b></b>	_ Min. de	esign r	metal te	mp. <u>-2</u>	20		at <u>50</u>	00			
		(Inter	,	(Extern	•		(Interr	nal)	(External)											
U.	Impact te	est <u>N</u>	U, EXE	MPT P	ER UCS-6 [Indicate ye		20 (f) Id the compo	onent(s) in	mpact test	ted]		a	t test ter	nperature	or <u>-</u>			<u> </u>		
1.	Hydro., p	neu., or	comb	test p	ressure			.,		of test	-			,						
					or tube sec				_ ``											
-	Tubeshe			316/316		39 1/4"			5 1/4"			SS 1	250" / T	S 0 00"	Bolte	ed				
۷.	Tubesne				ıl spec. no.)]			o press.)]		minal thickn	ess)		(Corr. all				(welded or	bolted)]		
		_				-						· <u>-</u> ·			<u>-</u>					
		(F	loating	(material	spec. no.)]		(Diameter)		(Nor	minal thickn	inal thickness) (Corr. allow.)					(Attachment)				
3.	Tubes	SA-249	TP316/	/316L	3	/4"			0.065"	A.W.		472			U					
		(material	spec. n	o., grade	e or type)		(O. D.)		(Non	ninal thickne	ess)		(Numbe	er)		Type (s	straight or	U)]		

2/3

National Board Number: 3268

Mfg. Representative:

Authorized Inspector:

Date: //-3

## FORM U-1 (Cont'd)

Items 14-18 incl. to be completed for inner chambers of jacketed vessels or channels of heat exchangers.

14.	Shell:	Shell: (a) No. of course(s) 1 (b) Overall length 2'-5 1/2"																
	Course(s)				N	laterial		Thickness		Long, Joi	Long. Joint (Cat. A)		Circum, Joi		int (Cat. A, B & C)		Heat Treatment	
No.				nath	Spec./C	rade or Ty	$\overline{}$	Nom. Cor			ot, None	Eff.	Type	Full, Sp			Temp. Time	
1	38" I.D." 2'-5 1/2"				SA-240-316/316L		0.0			pot	.85	1		oot	.85	-	-	
-	-					-		.   -	-		-	-	1 - 1		-	-	-	-
<u> </u>				-		-		.   .	-			-	1 - 1				-	-
								Body F	langes or	Shells								
											Bolting							
		Flange Min				How						Washer						
No.	Туре	ID		OD	Thk	Hub Thk	Mate		Attached	Location	Num & S	Size	Bolting M	aterial	(OD,	ID, thk)	Washe	r Material
1	*	38	"	45 1/8'	5 1/16"	3/4"	SA-182	F316/L	UW12(1	) END	(56)-1	"	SA-193B7		ļ	-		-
-				-	-	-		-	-	-		-			-	ļ <u>-</u>		
-			-		-	-	-		-	-	-		-		-		-	
<u>-</u>				-	-	-		-		•	<u> </u>		•		-		-	
15	Unada, /	-\ (		246/24	i e i					/h)								
15.	Heads: (	a) <u>s</u>		)-316/31		arada ar	h/no\/H T	time and t	omo \	(b)	- (14	atorial o	200 2112	hor grad	0.05.00	/U.T. tim	o and to	mn \
_			(IV	iateriai S	bec. number	grade or	/pe)(H.T time and temp.)				(141)	alenai s	pec. num	bei, grao	e or type;	e or type)(H.T time and te		
	Location		Thickness		Ra	Radius		Con		Hemispheri			Side to Pressur		re Cate		egory A	
	Bottom, E	nds)	Min. Con		Crown	Knuckle	Ratio	Apex /	Angle	Radius	Dia	meter	Convex	Conca	ve Typ	e Full, S	pot, Nor	e Eff.
(a)	END	END .6875" 0.00"		2:1	2:1 -		-		-	-	X	S	<u> </u>	ONE	NE .85			
(b)				-				-			-				-			
								Dody 5	-	Lloodo								
Н			T			т —	1	Body F	langes or	Teaus					ltina			
														B	olting			
	1	T	1.	_	0.0	Flange	Min	Mata	a di a l	How	N		Bolting Material		Washer (OD, ID, thk)		Washer Material	
(0)	Location			Thk	Hub Thk	Mate		Attached	Num & S	size		ateriai			vvasilei ivialeilai			
(a)	•	~	$\vdash$	-	-	<u> </u>	<del>                                     </del>	· ·		-	-			-		-		_
(b)						-   -			-					-				
16.	MAWP	480 (Inte	rnal)	- (Exte		nax. tem		rnal)	(External		lesign m	etal te	mp. <u>-2</u>	20		at <u>480</u>	)	·
17.	7. Impact test NO, EXEMPT PER UHA-51 at test temperature of -																	
		_	,				nd the com	onent(s) i	impact tes	ited]		_						
18.	Hydro., p	<del>neu.,</del> e	r com	<del>b.</del> test i	oressure	694				_								
19.	Nozzles,	inspec	tion a						Pr	oof test	-							
Purose			, a	nd safet	y valve op				Pr	oof test	-					· · · · · · · · · · · · · · · · · · ·		
	Purnos	2	1				M	aterial	Pr	Nozzle T	hickness	Rei	nforcemen	nt I	Attachme	nt Details		eation
(inie	Purposet, Outlet, Di		T	Diam or S	eter	enings:	M. Nozzle	_			hickness Corr.		nforcemer Material	"	Attachme Nozzle	nt Details		ecation
(Inle	Purpose t, Outlet, Di	ain, etc	T	Diam	eter ze Tyr	enings:		FI	ange	Nozzle T		ı		"		Flange	(Ins	
(inle	t, Outlet, Di Inlet / Ou	ain, etc	.) No.	Diam or S	eter ize Typ 00# RFV	enings:	Nozzle SA-106B	FI	ange	Nozzle T	Corr. .1250"	S	Material A-516-70	" UN	Nozzle V16.1(e)	Flange	(Ins	o. Open.) Shell
(Inle	t, Outlet, Di	rain, etc tlet ure	.) No.	Diam or Si	eter Typ	enings:	Nozzle	FI	ange A-105	Nozzle T Nom.	Corr.	S. IN	Material	" U\	Nozzle	Flange UW12(1	(Insp ) She	. Open.)
(Inle	Inlet / Ou Temperat Pressur	rain, etc tlet ure e	No. 2	Diam or S 16"-3 1"	eter Typ 00# RFV CPI	enings:	Nozzle SA-106B SA-105 SA-105	FI SA	ange \-105 -	Nozzle T Nom. .6560" 6000#	Corr. .1250" .1250"	S. IN	Material A-516-70 TEGRAL TEGRAL	" UV	Nozzle V16.1(e) V16.1(e) V16.1(e)	Flange UW12(1 -	(Insp ) She	o. Open.) Shell ell Nzl's.
(Inle	t, Outlet, Di Inlet / Ou Temperat Pressur Inlet / Ou	rain, etc tlet ure e tlet	2 2 2 2	Diam or Si 16"-3	eter ze Typ 00# RFV CPI " CPI 00# RFV	enings:	Nozzle SA-106B SA-105 SA-105 312TP316/L	FI SA	ange A-105	Nozzle T Nom. .6560" 6000# .5000"	Corr. .1250" .1250" .1250" 0.00"	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/	" U\ U\ U\ L U\	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e)	Flange UW12(1 -	(Insp ) She She ) Ci	o. Open.) Shell ell Nzl's. ell Nzl's.
(inle	Inlet / Outlet, Di Inlet / Ou Temperat Pressur Inlet / Ou Temperat	rain, etc tlet ure e tlet ure	2 2 2 2 2 2	Diam or S 16"-3 1" 3/4 14"-3	eter type to the type type type type type type type typ	enings:  e VN G G VN SA- G SA	Nozzle SA-106B SA-105 SA-105 312TP316/L	FI SA	ange A-105 - - - 32F316/L	Nozzle T Nom. .6560" 6000# 6000# .5000"	Corr1250" .1250" .1250" 0.00"	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL	UV UV UV	V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e)	Flange UW12(1 - - UW12(1	(Insp ) She She ) Cl	o. Open.) Shell ell Nzl's. ell Nzl's. nannel
(Inle	t, Outlet, Di Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur	rain, etc tlet ure e tlet ure	2 2 2 2	Diam or Si 16"-3 1" 3/4 14"-3	eter type to the type type type type type type type typ	enings:  e VN G G VN SA- G SA	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L	FI SA	ange A-105 - - - 32F316/L -	Nozzle T Nom. .6560" 6000# .5000"	Corr. .1250" .1250" .1250" 0.00" 0.00"	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/I TEGRAL TEGRAL	UV UV UV	V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e)	Flange UW12(1 - - UW12(1	(Insp ) She She ) Cl Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel inel Nzl's. inel Nzl's.
	t, Outlet, Du Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur	rain, etc tlet ure e tlet ure e	2 2 2 2 2 2 -	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4	eter ize Typ 00# RFV CPI " CPI 00# RFV CPI " CPI	enings:  e VN G G VN SA- G SA	Nozzle SA-106B SA-105 SA-105 312TP316/L	SA-18	ange A-105 - - - 32F316/L - -	Nozzle T Nom. .6560" 6000# 6000# .5000" 6000#	Corr1250" .1250" .1250" .1250" 0.00" 0.00"	IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL	UV UV UV L UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e)	Flange UW12(1 - - - UW12(1 - -	(Insp ) She She ) Cl Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel
	t, Outlet, Di Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur	rain, etc tlet ure e tlet ure e	2 2 2 2 2 2 -	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4	eter ize Typ 00# RFV CPI " CPI 00# RFV CPI " CPI	enings:  e VN :: G G G VN SA- G SA	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L	SA-18	ange A-105 - - - 32F316/L - -	Nozzle T Nom. .6560" 6000# 6000# .5000"	Corr1250" .1250" .1250" .1250" 0.00" 0.00"	IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL	UV UV UV L UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) -	Flange	(Insp ) She She ) Ci Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel inel Nzl's. inel Nzl's.
	t, Outlet, Du Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur	rain, etc tlet ure e tlet ure e	2 2 2 2 2 2 -	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4	eter ize Typ 00# RFV CPI " CPI 00# RFV " CPI " CPI " CPI " CPI	enings:  e VN :: G G G VN SA- G SA	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs _	SA-18	ange A-105 - - - 32F316/L - -	Nozzle T Nom. .6560" 6000# 6000# .5000" 6000#	Corr1250" .1250" .1250" .1250" 0.00" 0.00" -	IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL	UV UV UV L UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) -	Flange UW12(1 - - - UW12(1 - -	(Insp ) She She ) Ci Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel inel Nzl's. inel Nzl's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports	rain, etc tlet ure e tlet ure e	No. 2 2 2 2 2 2 2 2 - (Yes	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4 - or no)	eter	enings:  e  //N  G  G  J/N  SA- G  SA  G  SA	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N	FI SA-18	ange A-105 - - 32F316/L - - -	Nozzle T Nom. .6560" 6000# 6000# .5000" 6000# - (2)-SAD	Corr1250" .1250" .1250" .0.00" .0.00" .0.00"	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL - hed W	UV UV UV UV UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) - TO SHE	Flange UW12(1 UW12(1	(Insp ) She She ) Cl Char Char Char	o. Open.) Shell ell Nzi's. ell Nzi's. nannel inel Nzi's. inel Nzi's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports Manufact	rain, etc tlet ure e tlet ure e Skirt	2 2 2 2 2 - (Yes	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4 or no)	eter   Typ   100# RFV   CPI	enings:  e  //N  G  G  //N  SA- G  SA  G  SA  wmber)	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N	FI SA	ange A-105 Others	Nozzle T Nom6560" 6000# 6000# .5000" 6000# .000# .000# .000# .000# .000# .000#	Corr1250" .1250" .1250" .1250" 0.00" 0.00" 0.00" - DLES cribe)	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL - hed W	UV UV UV UV UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) - TO SHE	Flange UW12(1 UW12(1	(Insp ) She She ) Cl Char Char Char	o. Open.) Shell ell Nzi's. ell Nzi's. nannel inel Nzi's. inel Nzi's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports Manufact	rain, etc tlet ure e tlet ure e Skirt	2 2 2 2 2 - (Yes	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4 or no)	eter	enings:  e  //N  G  G  //N  SA- G  SA  G  SA  wmber)	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N	FI SA	ange A-105 Others	Nozzle T Nom6560" 6000# 6000# .5000" 6000# .000# .000# .000# .000# .000# .000#	Corr1250" .1250" .1250" .1250" 0.00" 0.00" 0.00" - DLES cribe)	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL - hed W	UV UV UV UV UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) - TO SHE	Flange UW12(1 UW12(1	(Insp ) She She ) Cl Char Char Char	o. Open.) Shell ell Nzi's. ell Nzi's. nannel inel Nzi's. inel Nzi's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports Manufact	rain, etc tlet ure e tlet ure e Skirt	2 2 2 2 2 - (Yes	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4 or no)	eter   Typ   100# RFV   CPI	enings:  e  //N  G  G  //N  SA- G  SA  G  SA  wmber)	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N	FI SA	ange A-105 Others	Nozzle T Nom6560" 6000# 6000# .5000" 6000# .000# .000# .000# .000# .000# .000#	Corr1250" .1250" .1250" .1250" 0.00" 0.00" 0.00" - DLES cribe)	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL - hed W	UV UV UV UV UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) - TO SHE	Flange UW12(1 UW12(1	(Insp ) She She ) Cl Char Char Char	o. Open.) Shell ell Nzi's. ell Nzi's. nannel inel Nzi's. inel Nzi's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports Manufact	rain, etc tlet ure e tlet ure e Skirt	2 2 2 2 2 - (Yes	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4 or no)	eter   Typ   100# RFV   CPI	enings:  e  //N  G  G  //N  SA- G  SA  G  SA  wmber)	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N	FI SA	ange A-105 Others	Nozzle T Nom6560" 6000# 6000# .5000" 6000# .000# .000# .000# .000# .000# .000#	Corr1250" .1250" .1250" .1250" 0.00" 0.00" 0.00" - DLES cribe)	S. IN IN SA	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL TEGRAL - hed W	UV UV UV UV UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) - TO SHE	Flange UW12(1 UW12(1	(Insp ) She She ) Cl Char Char Char	o. Open.) Shell ell Nzi's. ell Nzi's. nannel inel Nzi's. inel Nzi's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports Manufact the report	rain, etc tlet ure e tlet ure e Skirt urer's I	No. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4	eter ze Typ 00# RFV " CPI " CPI 00# RFV " CPI "	enings:  e //N //N //S //N //N //S //N //N //S //N //S //N //S //S	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs	SA-18 umber) signed by	ange A-105 B2F316/L Others y Comm	Nozzle T Nom6560" 6000# 6000# .5000" 6000# (Oescissioned lintifying nu	Corr1250" .1250" .1250" 0.00" 0.00" - DLES tribe) nspectors mber):	S. IN IN SA IN IN Attac	Material A-516-70 TEGRAL TEGRAL -240-316/I TEGRAL	UV UV UV UV UV	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) - TO SHE (Who	Flange UW12(1 UW12(1	(Insp) She She She Char Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel nnel Nzl's. nnel Nzl's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports Manufact the report Remarks	rain, etc tlet ure e tlet ure e Skirt tlet urer's I t (list th	No. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4	eter zee Typoo# RFV CPI " CPI 00# RFV " CPI " CP	enings:  e //N //N //S //S //N //S //N //S //S //S	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N tified and nufacturer	umber) signed by s name,	ange A-105 B2F316/L Others y Comm and ide	Nozzle T Nom6560" 6000# 6000# .5000" 6000# .0	Corr1250" .1250" .1250" 0.00" 0.00" 0.00" - DLES cribe) aspectors mber):	S. IN IN SA IN	Material A-516-70 TEGRAL TEGRAL -240-316/I TEGRAL - hed Wi been ful	UV UV UV UV UV THISHED	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e)  TO SHE (Whe	Flange UW12(1 UW12(1	(Insp ) She She She ) Ci Char Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel nnel Nzl's. nnel Nzl's. nnel Nzl's.
20.	t, Outlet, Do Inlet / Ou Temperat Pressur Inlet / Ou Temperat Pressur Supports  Manufact the report Remarks TO SHEL	rain, etc tlet ure e tlet ure e Skirt tre's I t (list th	No. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4 14"-3 1" Tor no)  Data Record pa	eter zee Typoo# RFV CPI " CPI 00# RFV CPI " CPI	enings:  e //N //S //S //N //S //S //N //S //S //S	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N tified and nufacturer  9 *APPE 0# RFWN	umber) Signed by s name, ENDIX 2 SA-182	ange A-105 Others  y Comm and ide.  WELD N	Nozzle T Nom6560" 6000# 6000# .5000" 6000# .000# .5000" 6000" 6000	Corr1250" .1250" .1250" 0.00" 0.00" 0.00" - DLES cribe) aspectors mber):	S. IN IN SA IN	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL - hed W/ been ful  (2)-1.5"	UV UV UV UV UV THK. X	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e)  TO SHE (Whe	Flange UW12(1 UW12(1	(Insp ) She She She ) Ci Char Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel nnel Nzl's. nnel Nzl's. nnel Nzl's.
20.	Inlet / Outlet, Di Inlet / Outlet, Di Inlet / Outlet Pressur Inlet / Outlet Pressur Pr	rain, etc tlet ure e tlet ure e Skirt tlist th  ITEI L. (1	No. 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	Diam or S 16"-3 1" 3/4 14"-3 1" 3/4 cor no) Data Rele of pa	eter zee Typoo# RFV CPI " CPI 00# RFV " CPI " CP	enings:  e //N //N //S //S //N //S //S //N //S //S	Nozzle SA-106B SA-105 SA-105 312TP316/L -182F316/L - Legs(N tified and nufacturer  9 *APPE 0# RFWN PE SA-312	umber) Signed by s name, ENDIX 2 SA-182 TP316/3	ange A-105 Others  y Comm and ide.  WELD N F316/L ( 16L	Nozzle T Nom6560" 6000# 6000# .5000" 6000# .000# .5000" 6000" 600" 600" 600" 600" 600" 600" 600" 600" 600" 600" 600" 600"	Corr1250" .1250" .1250" 0.00" 0.00" 0.00" - DLES cribe) aspectors mber):	S. IN IN SA IN IN Attac  Attac  LUGS: VSPOO	Material A-516-70 TEGRAL TEGRAL -240-316/ TEGRAL - hed Wi been ful (2)-1.5" L) SR 9 DL: (2)-1	UV UV UV UV UV THK. X 0 DEG. 6"-300#	Nozzle V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e) V16.1(e)  TO SHE (Whe	Flange UW12(1 UW12(1	(Insp ) She She She ) Ci Char Char Char	o. Open.) Shell ell Nzl's. ell Nzl's. nannel nnel Nzl's. nnel Nzl's. nnel Nzl's.

National Board Number: 3268

Mfg. Representative:

Authorized Inspector:

## FORM U-1 (Cont'd)

CERTIFICATE OF SHOP COMPLIANCE	
We certify that the statements in this report are correct and that all details of design, material, construction, and workmanship of this vessel	
conform to the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1.	
U Certificate of Authorization Number 20,206 Expires 04/19/15	
Date 11-30-14 Name OHMSTEDE LTD., CORPUS CHRISTI PLANT Signed (Representative)	<u>.</u>
CERTIFICATE OF SHOP INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by	
ONECIS INSURANCE COMPANY of LYNN, MA	
have inspected the pressure vessel described in this Manufacturer's Data Report on	and
state that, to the best of my knowledge and belief, the Manufacturer has constructed this pressure vessel in accordance with ASME BOILER AND	
PRESSURE VESSEL CODE, Section VIII, Division 1. By signing this certificate neither the Inspector nor his/her employer makes any warranty, express	sed
or implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer shall	
be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inpsection.	
Date 1/-30-14 Signed ////////////////////////////////////	
Authorized Inspector) [National Board (incl. endorsements)]	
CERTIFICATE OF FIELD ASSEMBLY COMPLIANCE	
We certify that the statements in this report are correct and that the field assembly construction of all parts of this vessel conforms with the requirement	s
of ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. U Certificate of Authorization Number Expires	·
Date Name Signed	
(Assembler) (Representative)	
CERTIFICATE OF FIELD ASSEMBLY INSPECTION	
I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and employed by	
of, have compared the statements in this Manufacturer's Data Report with the described pressure vessel	
and state that parts referred to as data items, not included in the certificate of shop inspection, have bee	n
inspected by me and to the best of my knowledge and belief, the Manufacturer has constructed and assembled this pressure vessel in accordance	
with the ASME BOILER AND PRESSURE VESSEL CODE, Section VIII, Division 1. The described vessel was inspected and subjected to a	
hydrostatic test of By signing this certificate neither the Inspector nor his/her employer makes any warranty, expressed or	
implied, concerning the pressure vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his/her employer	
shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.	
Date Signed Commissions	
(Authorized Inspector) [National Board (incl. endorsements)]	- 1