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

										-								
1. Ma	nufactured and	certified by	OHMST	EDE LTD., L	AKE C	HARLE	ES PLAN						LOUISIANA	70664				
2. Ma	nufactured for	Lyondell,	P.O. Box	(3411, Lake (Charles,	LA 7	0602	(INSII)	ne and addres	S OI M	anuracu	urer)						
	Š.						(N	ame an	d address of I	urcha	iser)							
3. Lo	cation of Installa	ition Lyon	idell, I-10	West, Lake (Charles	, LA 7	0601										100	
				ger Less Head))	(Name and ac	3/1/10/2)							
4. Ty	*****		3485															
	on News	E - At	essel part (shell, two-piece	250. 10	ibe buni	dle))		(Mfg's seri	9 8 9	• = 0=			(CRI	0.5	_		
	2879 (Natil. Bd			348548 F (Drawing N	9	Ohms (Drawing prep					2003 (Year built)							
E A0	ME Code, Secti	20000000 .				000			(Diaming prof	aleu i	Jyj				(rear o	untj		
0. AS	ME COUR, SECT	ion viii, Div. 1	•		2001/20 and Add		date)			nde (Case No		Sne	rial Serv	ice per UG-	120/4)		
llama	c 44 inal to h	a aamniatad	for alagio					o oboli								120(0)		
		to the mean appeared the	tor single	wall vessels, ja	ickets o	Jacke					s, or cr	iamber (118.			
6. Sh		course(s):		3		Thister		iveran te	ength ft & in.:			I 0:	19'-7		1			
No.	Course Diameter, in.	Length ft & ir	. Spec.	Material /Grade or Type	Nor	Thickn	Corr.	Туре	Long. Joint (C				m. Joint (Cat. A Full, Spot, No			Treatm	ime	
2	2 31 ID 5'-10 1/8"			SA-516-70N		2	1/8	1	A-Spo			1	B-Spot	85			_	
1			Si	SA-516-70N		2	1/8	1	A-Spo	A-Spot		1	B-Spot	85			-	
				••			**					**	**	**			204	
7. He	ads: (a)			********					(b)									
	Location (Ten			Grade or Type) I				ant lu	landanharia al				Grade or Type) H.T Time & Temp					
	Location (Top, Thickness Bottom, Ends) Min. (Corr.			Elliptica Con							Side to Pressure Convex Concave		Category A Type Full, Spot, None		Eff.	
(a)					-						-							
(b)		J		<u> </u>		_ 	=											
If remo	vable, bolts use	ed (describe of	ther fasten	ing)							0							
	1201.0								(Mat'l Spe		., Grade	, Size, N						
в. Тур	e of jacket _			***************************************	••				Jacket closu	re _								
												(U	escribe as ogee		man e oue contratte			
11 02	r, give dimensio	ons							-						bolted, desc			
9. MA				psi at max. tem		250				Min. c	design n	netal tem	ip. <u>-20</u>	<u> </u>	at2	257	_ psi	
	(intern	nal) (ex	ternal)			(interna	al) (e	external)		*							
10. lmp	act test						CS-66						at test	tempera	ture of	**	°F	
				(Indicate ye	s or no a	ind the	component	l(s) imp	act tested)									
11. Hy	dro., prisen, set	test pre	SS			Pro	oof test _											
Items '	12 and 13 to be	completed f	or tube se	ctions.														
12. Tu	besheet:	SA240	TP316L						2 3/8				1/8		Welded			
	-	No.) D	Dia., in. (subject to press.)				Nom. thk., in.			Corr.	Allow., in.	Attac	Attachment (welded or bolted)					
	SA240TI							2 3/8							Welded			
	Floating (Mat'l	Spec. No.)		Dia., in. Nom.									n.		Attachment			
13. Tu				L 3/4					18 BWC				625 St., 20' lg.					
	Matil	Spec. No., Gra	ade or Typ	Θ	0.	D., in.			Nom. thk., i	n, or g	auge		Number		Type (Stralg	ht or U)	
Items '	14 - 18 incl. to i	be completed	for inner	chambers of ja	cketed	vesseis	s or chann	els of h	neat exchang	ers.								
14. Sh	ell (a) No. of	course(s):					(b) Ov	erall len	gth (ft & in.):				.,			3		
Nie	Course(Cos	Material (Crade or Type		Thickne		Two	Long. Joint (C		E#		m. Joint (Cat. A Full, Spot. Nor			Treatm		
No.	Diameter, in.	reuðiu u & lu	Spec.	/Grade or Type	Non		Corr.	Type	Full. Spot. 1	AZING.	Eff.	Type	Full, Spot. Noi	ne Eff.	Temp.	1	ime	
				44														
_					1		-	1										

FORM U-2 (BACK)

15. He	ads: (a)								(b)				***********	•			
						e) H.T Tin	-				(Mat'l	Spec. No., C	rade or Type) H.T	Time &	Temp	
	Location (To Bottom, End		Thick Min.	Corr.		dius Knuckle	Elliptical	Conkal	Hemisp		Flat	Side to	Pressure		Cate	gory A	
(a)		3/					Ratio	ADBX	Rad	lius	Diameter	Convex	Concave	Type 	Full, S	pot. None	Eff.
(b)	••	\perp				••				•		-	**				1
If remo	vable, boits u	sed (describe of	ther fasteni	ng)								_		80000		345-1.
									(/\	lat'i Spe	c. No., Grad	e, Size, No.)				
16. MA	WP 1	50			psi at max.	temp.	250		<u> </u>	°F	Min. design	metal temp	-20		Fat	150	ps
							(internal)		rnal)								
17. Imp	act test						No, UHA-		1.00				at test	lempera	alure of		
			-								t(s) impact to	95%					
18. Hyd	dro., promen, e	HIDON	Mo# test pre	88.			Proc	of test									
	zles, inspect	lon, a		T										_			
		Diameter			Mat			Nozzle 1			nforcement		How Attached			ation	
	Outlet, Drain, etc.) No. Inlet 1		or Size	Type *		106-B	Flan		Nom. .365	Corr		Material	Nozzle			(Insp. (
	Dutlet	1	8"*	*		333-6			.322	1/8		Weld	UW16.1	e	••	•	
	Gas Out	1	5"*	*		333-6		-	.258	1/8		Weld				-	
	nt/Drain			CPLG		1-105			.200	1/8		Weld	UW16.1	_			
	mp Out		11/2-6000	-		-105	-			1/8		Weld					
	ge Conn.		-	CPLG		-105	-			1/8			UW16.1				
	ef Valve	1		CPLG		-105			-:	1/8		Weld	UW16.1	_			-
		-	57 1 0000	01.20	+	-100				1/0		vveiu	UW16.1	e			•
													+		1 10		
					_									-		-	
													-	+		 	
				-													_
n Sun	norte: Skirt		No	Lua			Long		011		0				124 73		
o. oop,	porto. Onne		(Yes or No)) roa	·	No.)	regs	(No.)		1618	Sag (Des	cribe)	Attached	-	Shell	,Welded and How	<u> </u>
	narks: No.1				-						(500	01100)			(AAIIGIG	s and How	,
										e The	Same One	ning On T	ne Pipe And	Wald	ed With	- Full	
	etration We											ming On 1	io i ipo i ilio	440101	20 1111	I I uli	30.00
Item	No.:E-07-0	01	2 5 5 5 5 5 5						2 (4)								-
					9 27 546						1004/10						
									•								
		100									-						
																	-
																	
								F SHOP/F									
V	Ve certify tha	t the	stalements	made in th	is report ar	e correct an	d that all de	etails of mat	erial, con	struction	n, and workn	nanship of th	is pressure ve	ssel pa	rt confo	rm	
to	the ASME	Code	for Pressu	re Vessels,	Section VI	I, Division 1											
ι	J Certificate of	f Aut	horization f	No		17,397		E	xpires _			06/0	04/2006				
C	Date 10-	6-	03 Na	MO ema	STEDEL	TDLAK	E.CHARL	ES PLAN	Т	Signed	Knix	maka	OVE	ollu	m		
							acturer)				-1-11-	(Re	presentative)				
						CERTII	FICATE C	F SHOP/	FIELD II	NSPEC	CTION						
I, th	e undersigne	d, ho	lding a vali	d commiss	ion issued t	y The Natio	nal Board o	of Boiler and	l Pressur	e Vesse	Inspectors	and the Stat	e or Province	of		LA	
and	employed by					HSB CT	-				of	Hartfo	rd, CT		have ins	spected th	.0
- 50	ssure vessel					10.0		1-70-6	93				e best of my			belief, the	ı
Mar	ufacturer ha	s con	structed thi	is pressure	vessel part	In accordan	ice with AS	ME Code, S	Section VI	II, Divisi	ion 1. By sig	ning this ceri	ificate neither	the Ins	pector		
													ata Report. F				
			or his emp	loyer shall	be liable in	any manner	for any per	rsonal injury	or prope	rty dama	age or a loss	of any kind	arising from c	r conne	cted		
with	this inspection	on.	10		12	m	111				200	NO. INC. NO.		1			
Date	10-10	1-0%	7 Sigr	ned	Ung	UU	vy		Com	mission		11972	(A) L	1/	184	/	
				7554560716 - 17 	(A	ulhorized In	spector)				(Nat'l B	oard incl. en	dorsement, S	iate, Pro	ovince a	nd No.)	