FORM U-1 MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

1. Ma	nufactured and o	ertified by	M & M RE	FRIGERAT	ION, INC	C., 412 R/	AILROAE	AVE (Name	NUE, SUITE and address	1 F	EDER.	ALSBUR rer)	G, MARYLAI	ND 2163	32	
2. Ma	nufactured for	LEE TECHN	OLOGIES	S, INC. P	O. BOX	1257 102	N. MAR (Nan	KET S	ST. BEN address of P		NC 2' ser)	7504				
3. Lo	cation of installat	ion UNKNO	wn				·									
								(N	lame and add	iress)						2004
4. Ty					CULATO				A104		(CRN)		00 216 Rev A Drawing No.)		2235 . Bd. No.) (2004 Year built)
	•	t., or sphere)	(Tank,	separator, jk			etc.)	wig's s	serial No.)	_ '	(CRN)	,	Diawing 140./	(Hari		,
5. A8	SME Code, Section	on VIII, DIV. 1		Edition	01, A0)		Co	de Ca	se No.	-	Spec	ial Servic	e per UG-120	(d)
Items	6 - 11 incl. to be	completed for	single wal			•	sels, she									
6. Sh	ell (a) No. of	course(s):		2			(b) Ove	rall len	igth (ft & in.):							
	Course(s)		Material		Thicknes			Long. Joint (Eff.		n. Joint (Cat. A Full, Spot, Nor		Heat Tre	atment Time
No.	Diameter, in.	Length (ft & in 8'		Grade or Tyr A516-70		om. 00	Corr. 0	Type 2	Full, Spot, I None		65%	2	None	65%		-
1	42"	2'		A516-70		00	0	2	None		65%	2	None	65%	-	
<u>-</u>	-	-					-					<u> </u>				-
7. H	eads: (a)	/8.4-AII (D-	an No. O	SA516-70		me & Ten		_	(b)		(Mat'l S	pec. No	SA516-70 Grade or Type		ime & Temp	
	· · · · · · · · · · · · · · · · · · ·	1						ol 111	lemispherical		at L		Pressure		Category A	
	Location (Top, Bottom, Ends)		Corr.	Radi Crown	us Knuckle	Elliptica Ratio	I Conic		Radius		neter	Convex			Full, Spot, No	
(a)	7-	.4375	0	-		2:1		_	•				YES	2	None	85% 85%
(b)	END	.4375	0	<u> </u>		2:1	-		-	<u> </u>		-	YES	2	None	0370
If rem	ovable, bolts use	d (describe of	ther fasten	ing) <u>-</u>					(Mat'l Sp	ec. No	o., Grade	e, size, No	o.)			
_									Jacket clos	ure				_		
8. 1	ype of jacket											(De	scribe as oge	e & weld,	bar, etc.)	
I 6 I	ar, give dimensi	one _												If b	olted, describ	e or sketch.
						200			٥F	Min	design	metal tem	p. <u>0</u>	۰F	at 300) psi.
9. IV	IAWP 300		ternal)	psi at max. t	emp	(internal		xternal		141111	200.51.		F'			
	•	, ,	•			\	,		,				at test	temperat	ture of	- °F
10. Ir	npact test EXI	EMPT PER U	G 20 (F)	(Indicate	ves or no	and the c	omponent	(s) imp	pact tested)					·		
44	Distance Assessed Assessed	www. toot nr	000	•	-								•			
11.	Hydro., press. **	прини р, test pr	ess	390 110	JKIZ.											
	12 and 13 to be	completed for	tube sect	ions.									_		_	
12.	Fubesheet:	tationary (Mat	I Soon No	Di Di	a., in. (sub	niect to pre	988 \		Nom. thk., in			Corr. A	llow., in.	Attacl	hment (welder	or bolted)
	5	(attorially (iviat	rapec. No	J.) DI	a., III. (Bui	5)001 to p.1	300.7	_				-				
	Floating (Mat'l	Spec. No.)		Dia., in.			No	m. thk.	, in.		Cor	r. Allow., i	n.		Attachment	
12	Tubes:					_			_				_			
13.		Spec. No., Gr	ade or Typ	D 0	0	.D., in.			Nom. thk., ir	ı. or ga	auge		Number		Type (Straight	or U)
item	3 14 - 18 incl. to t	- •	• • • • • • • • • • • • • • • • • • • •		acketed ve	essels or o	hannels o	f heat (exchangers.							
		f course(s):		_					ngth (ft & in.):							
14. 0				Meterial		Thickne	200	Τ	Long. Joint	(Cat. A	4)	Circu	m. Joint (Cat.	A. B & C)	Heat Tr	eatment
No	Course Diameter, in.	(S) Length (ft & i	n.) Spec	Material /Grade or T	vpe N	lom.	Corr.	Type		None	Eff.		Full, Spot, No			Time
	-	-				-	-	-	-		-			+-		-
-		-				-	-	<u> </u>			 - -	+ :-	-	-	-	
-	-	-				-		- _	(45)		 	1	L			
15. l	leads: (a)	(8.4-M) O	non No. C	arade or Typ	N H T . 7	ime & To	mp		(b)		(Mat'l	Spec. No.	Grade or Typ	e) H.T	Time & Temp	
	T			- 		Elliptic		ical l	Hemispherica	1	Flat		o Pressure	Ė	Category A	
	Location (Top Bottom, Ends		ness Corr.	Crown	dius Knuckie				Radius		meter	Conve		Type	Full, Spot, N	one Eff.
(a		-	-		-	-				+-	-		-	-	-	
(b		-				<u> </u>					-			-	-	
	1.4 4 . 15	والمحمدات المحا	athor footo	nina)												

(Mat'l Spec. No., Grade, Size, No.)

MAWP 1	50		psi	i at max. temp.	200	°F	Min.	design metal temp.		°Fat	p
(int	ernal)	(ext	ternal)		(internai)	(external)					
Impact test -									at test ten	nperature of	-
				(Indicate yes or no	and the comp	onent(s) impact teste	ed)				
Madaa waxay		th toot are		•	Proof test						
Hydro., phock, o	######################################	ns. test pre	ss		FIOOI lest	· <u>- </u>					(λ
Nozzles, inspec	tion, a	nd safety v	alve opening								
urpose (Inlet,		Diameter	Flange		laterial	Nozzle T		Reinforcement	How A	Location	
let. Drain. etc.)	No.	or Size	Type	Nozzle	Flan		Corr.	Material	W16.1i	Flange -	(Insp. Open.)
Wet Return	_ !	<u>8"</u>	PIPE	SA53E/B	<u> </u>	S/40	0	INHERENT		ļ	
Dry Suction	1	6"	PIPE	SA53E/B		S/40	0	INHERENT	UW16.1i		
Column.	_2_	1.25"	PIPE	SA106B		S/80	0	INHERENT	UW16.1i	<u> </u>	
Liq. Makeup		2.5"	PIPE	SA53E/B	-	S/40	0	INHERENT	UW16.1i UW16.1i	-	-
Drain	_1_	2"	PIPE	SA106B		S/80	0	INHERENT		-	-
Misc. Conn	4	.75"	PIPE	SA106B			0	INHERENT	UW16.1i	<u>-</u>	
Drop Leg	1	12"	PIPE	SA53E/B		S/40		INHERENT	UW16.1i	-	<u> </u>
Supports: Skirt		NO	Lugs	0	Legs	0 Others	S	SADDLES	Attached	SHELL -	WELDED
	()	es or No)		(No.)	(1	No.)		(Describe)		(Where	and How)
Domarke: INIC	DECT	TON OBE	NINGS EVE	MDT DED LIG-46 ((A) (A) "EOR	NONCORROSIVE	SERVICE)H			
BY-PASS 1	1.5"	PIPI	E SA10	6B - S/	/80 0	INHERENT	UW16.	.11			
and employed	by t		.,		National Board rica Insurance	TE OF SHOP INSP of Boiler and Pressu Co.,	ire Vessel		ton, MA	hav	MD re inspected belief, the
Manufacturer employer ma	has c kes ar	onstructed by warranty	this pressure, expressed o	e vessel in accordar or implied, concerni	nce with ASME	Code, Section VIII, I e vessel described in	Division 1. this Manu	By signing this certifi facturer's Data Repo	icate neither the ort. Furthermore	e Inspector no e, neither the	r his
Date 7/2		_)X	leed inspector)			- 6/05/ (Nat'l Board incl.	AL MD	100	9
	•			CERTIF	ICATE OF F	FIELD ASSEMBLY	COMPL	IANCE			
We certify th Code, Section U Certificate	n VIII,	Division 1	,	ort are correct and th		sembly construction	of all parts Expires		ms with the req		
Date			Name	· ·	Assembler)		Signed		(Representati	ve)	
						FIELD ACCESS:					
						FIELD ASSEMBL					
*	-	holding a v	valid commis	sion issued by The i	National Board	of Boiler and Press		Inspectors and the S	State or Province	e of	· · · · · · · · · · · · · · · · · · ·
and employe have compar		statement	ts in this Man			escribed pressure ve	ssel and s	tate that parts referre			owledge and
belief, the Ma	nufac	turer has c	constructed a	nd assembled this p	ressure vesse	el in accordance with	ASME Cod	de, Section VIII, Divis	sion 1. The desc	ribed vessel	was
inspected an	d subj	ected to a	hydrostatic te	est of	psi. B	y signing this certifica	ate neither	the Inspector nor his	employer make	es any warrar	nty, expressed
or implied, co	ncerr	ing the pre	essure vessel	described in this M	lanufacturer's l	Data Report. Further	more, neith	er the Inspector nor	his employer st	nall be liable i	n any
						ng from or connected					
	, ,		. , , ,								
Date		;	Signed	 	ed Inspector)	Co	mmissions			Otata D	
				(Authorize	ed Inspector)			(Nat'l Board incl.	endorsement,	State, Provinc	ce and No.)