FORM U-1A MANUFACTURER'S DATA REPORT FOR PRESSURE VESSELS (Alternative Form for Single Chamber, Completely Shop-Fabricated Vessels Only)
As Required by the Provisions of the ASME Code Ruies. Section VIII, Division 1

A STATE OF THE PROPERTY OF THE PARTY OF THE													
1 Manufactured a	nd certifie	ed by <u>TRIN</u>	TY INDU	STRIES,	INC.	1549 VAN	E ST	REET, ROCKY M	OUNT, NC	PLANT #04			
2. Manufactured fo	or SYS	TEMS CORE	P., 18TH	& H00D	FT. G	ILLEM, G	ER)	30050					
3. Location of insta	allation _	SAME			NIATAE AL	ND ADDRESS)							
4 Type HORIZ		12233	36		1147002	654	131		88649 1				
HORIZ OR OR VERT TAN	K)	MEGRIS	SERIAL NO 1		(CRN)	/DF	AWING N	0)	(NAT'L BD NO:	YEAR BUILT)			
	nd physic	al properties n. and workm	of all parts m anship confo	eet the requ orm to ASM	uirements o E Rules, S	f material spece ection VIII. Di	ification vision 1	ns of the ASME BOILE 1995 YEAR	R AND PRESS	JRE VESSEL CODE.			
	DENDA S	ATE	.8125"	CODE CASE)"		0'-10.25"	36"-0"				
		C NO GRADE.	NOM THE			LOW (IN)	Ex	AM ID (FT & IN.)	LENGTH (OVERALL) (FT & IN)				
7 Seams: WELD	DBL.	FUL	OT OR FULL!	100%) HII	EMP (F) T	ME (HR.)	WELD, DBL GIRTH (WELDED, DBL SNGL, LAP, BUTT)	FULL RT (SPOT PA	RTIAL. NO OF			
	ELDED DB LAP BUTT)								OR FULL	COURSES			
8. Heads: (a) Mail.	SA61	<u>2 HOT FO</u>	RMED, NO ec no grade	RM.		(b) Mati	4612	HOT FORMED, N	UKM.	_			
							CDAT						
Se	g. Seams	s: WELD.DI	BI_	H.T.:		R.T.:			85%				
LOCATION TOP	MINI	MUM COR	POSION DWANCE	CROWN RADIUS	KNUCKLE RADIUS	ELLIPTICAL RATIO	AF	CONICAL HEMISPHERICA	DIAMETER	SIDE TO PRESSURE			
_ END	0.4	66"	0"					654715		CONCAVE			
e END	0.4		0"					654715		CONCAVE			
If removable, b	- 1		her fastening	ıs)									
ii removable. b	0.113 0360	(describe on	ner rasterning				(MAT	SPEC NO GR SIZE, NO) 1				
9. MAWP		25	0			psi at ma	. temp.		125	'F			
Min. design met				Fa	t 250	•		pressure	375	psi.			
10. Nozzles, inspec				, ,					IN. 46	•			
		Γ	F	T				REINFORCEMENT	UW-16.1				
PURPOSE INLET OUTLET DRAIN,	NO	DIAM OR SIZE	TYPE		MATL	NO! TH		MATL.	ATTACHED				
MANWAY	1	15"	PTFLG	SA516	5-70N	2.5	11	INTEGRAL	(i)	HEAD			
LEVEL GA	1.1	2.5".2"	CPLG	SA105	5	3000	#		(y-2)				
TW.LL-PG	1.1	.75 ["]	CPLG	SA105	5	6000	#		(y-2)				
FILL VAP	1.2	2"	PTFL G	SA516	5-70N	2.15	11		(d)				
LIQUÍD OUT	1	3"	PTFLG	SA516	-70N	2.53	11	INTEGRAL	(d)				
RFI TFF	1	4"	PTFLG	SA516		3.0"		INTEGRAL	(d)				
11 Supports: Skirt	NO	Luge			Othe	_		Attach	ed.				
11 Supports: Skirt	VESOR	Lugs	- Roports pr	egs			DESCHIB	E.	:WH	FERE AND HOW: or the following items			
	~	RINITY H		958-9		#2: 95		ied inspectors have b	een luttistied it	of the following items			
of the report:		17 1 1 1 1 1	LMD #1.	NAME O	F PART, ITEM			ND IDENTIFYING STAMPI					
	TANK.	HORIZON	TAL LPG	STORAGE	: 131	.875" OD	x 30	.000 WG					
		USED IN						OF AT 150 PSI					
	LINE		/PSI BAS				66 (1						
	LINE	J. 110111	TI DI DA	ALD OIL	303 00	147, 000	<u> </u>	37 7110 OG EG	.,,.				
				CEDTI	EICATE OF	SHOP COMP	IANCE						
Me certify that the	ctateme	nte made in t	his renort are					rial, construction, and	workmanship of	f this vessel conform			
to the ASME Code	for Proc	cura Vaccale	Section VIII	Division 1	"H" Certifi	cate of Author	zation	No. 10,829	hich expires J	ULY 18 19 97			
Date 1-17-96		TRIN	ITY INDU	ISTRIES	. INC P	LANT #04	Signe	No.	1 Dans 2	, , , , , , , , , , , , , , , , , , , ,			
Date 1 17 30				MANUFAC	CTURER		_oignet	JAMA	REPRESENTATIVE				
				CERT	IFICATE O	F SHOP INSP	ECTION						
Vessel constructe	d by TR	RINITY IN	DUSTRIES	, INC	PLANT #	04 a		CKY MOUNT, NC					
				ed by the !	National Bo	ard of Boiler	and Pre	ssure Vessel Inspec	tors and/or the	State or Province of			
NORTH (and e	employed b	y OLD REF	UBLI	<u>C INSURANCE CO</u>	OMPANY				
have inspected th	e compo	nent describ	ed in this Ma				ANUA		96, and s	state that to the best of			
my knowledge and	d belief, t	the Manufacti	irer has cons	structed this	pressure	vessel in acco	rdance	with ASME Code. Sec	ction VIII, Divisi	on 1. By signing this			
certificate neither	the inspe	ctor nor his e	mployer mak	es any war	ranty, expre	essed or implie	d conce	erning the pressure ve	essel described i	in the Manufacturers'			
 Data Report. Furth kind arising from o 				nis employe	er snau be l	iable in any m		or any personal injury	or property dan	lage or a loss of any			
Date 1-19-96		Signed Signed		K//	/100	2 Commissio	N er		BD 10867				
TRI 437-CON (R 10/93)		Jigiteu	(AUTHORI	ZED INSPEC		_ = = = = = = = = = = = = = = = = = = =		(NAT'L BOAF	TE PROV. AND NO.)	MENTS).			

4.	;	,A Pa	rt of	a Pres	sure Ves	ssel Fab	ricate	ed by (One Mani	afacti	irer for	Anot	her Manufa /III, Division	cturer	31"Bla		
1. M	anufactured and	certified	by _	Frin	ity ir	ndusti	cies	s,_Ir	nc. 190)1 F	renn	an,	Ft. Wor	th,	Tx 76	106	
2 M.	anufactured for	-							. Dal	las,	Tex						
3. Lo	cation of installa	tion		Stoc	ς"				diame and antere	ess of Horo	hasen						
4 Ty	-		erio	al H	ead					8 – 9							
. , ,	pt.	iDesc	ription of v	essel part (s)	309-01			rinit	y Indi	usti		Inc		(Cr	1995		
	(Nat'l, Bd. No			10	rawing * 5.1					1 4 101 1 111					(Year bu	ati	
5. AS	SME Code, Section	on VIII, C	uv. 1	19	92 A-9 Edition an	d Addenda (da:			c.	rule Cale	No.		Spec	cial Service	per UG 120kd.		
6. Sh	nell (a) No. of	course(s)				·		all length	(ft & in.)								
No	Course(s) No Diameter, in Length, ft & in			Suec	Majoriai	Tim Notes	Towares		Fr. 1, Spot	Ett	Type	Full, Spot, None			Hear Treatment Temp Time		
	O Dismeter, in Length, it is in			Spec /Grade or Type													
				ļ										_			
		SA-6	12	J				_1	L		<u>i </u>	i			<u> </u>		
/. ME	eads: (a)			Spec No. (irade or Type: h	tT Tane & Ta	on p		(b)			(Mac) Si	es. No., Grade or Type	eret - La	re & Temp		
	Location ITop,	Thick		Ramics		Eliptica		Conical	Henuspherical		F-at		into to Pressure	-	Category A		
(a)	Bottom, Endel	.46	6 ¹¹	Crown	Knuckle	Rafin		Apes Ange	65.937		Diameter Conves		X Concave	WDB	Spot	85%	
(b)									LO.D.								
	Hydro., pneu., or Nozzles, inspectic				ngs:			Proof tes			T						
	Purpose (Inlet, Outlet, Drain, etc.)	No	1	Size	Flange Type	Nozzie	(erial Fia	nge	Nozzie Thickness Nom Corr		Reinforcement Material		Nozzle	How Attached		Location (Insp. Open)	
Rc	oto Ga.	1		11	Cplg.	SA-1	05	3	000#		UW16.1Y2			Top			
		 	 			·					 -						
		<u> </u>	 				1							 			
							Ī										
	double	butt	segn we	tugs nents eldec 81.87	l. Spc	ot X-R	laye	ed se	1650	deg th	join	t ef	Attached	cool y of	ed,	11	
th U	/e certify that the ne ASME Code fo Certificate of Au	r Pressui	e Vesso on No.	els, Section 11		correct and sion 1.	d that a	all details	March	constru	ction, a nd	1 workm	. 19 96	essure v	essel part co	onform to	
	ate		Nam			CERT	(Mar	TE OF SH	OP/FIELD IN:	SPECTI			. 	7	senta" vel		
a	the undersigned, nd employed by ne pressure vesse	O	ld I	Repub	olic 1	Insura	ince			ىن	~ ⁰¹ -	Dall	d or the State or AS, TEX	as	have	xas inspected belief, the	
м	lanufacturer has o	construct	ed this	pressure	vessel part	in accordar	ice wit		Code, Section	n VIII, E	Division 1.	By signi	ing this certificat	e neithe	the Inspect	or nor his	

Signed Date

(12/91)

property damage or a loss of any kind arising from or connected with this inspection.

This form (E00121) may be obtained from the ASME Order Dept., 22 Law Drive, Box 2300, Fairfield, NJ 07007-2300

REPRINT 9/92

•	•	A Pa	rt of a Pr	A MANUFA essure Ve ed by the l	ssel Fabr	ricated b	y One N	anufac	turer for	r Anothe	r Manufa	cturer	s/o <u>H</u> - 131"		
1 Ma	nufactured and			nity I			Inc.	1901	Brenn	nan, F			Tx. 76	5106	
	nufactured for			Industi			iN.	nine and addic	ss of Manufact	orer)					
			"Sto		-		(Name ar	t address of P	un haser.						
3 Loc	ation of installa							thame and ad							
4. Typ	De: Hem1	spne		irt (shell, two piece	head tube bundle	er)			smal No.1			IC			
	(Nat'l Bd No		S-40	(Drawing No.)		Trini	ity In		cies,	Inc.			1995	t,	
5. AS	ME Code, Section		oiv. 1 19	992 A-9									per UG-120idi		
6. S he	ell (a) No. of	course(s)).	Edition ar	nd Angervia (date (h		ngth (ft & ia	Code Cas	se No			rcial Shrvine	per OG-120(d)		
	Course			Material		kings		Josef (Cat. A)		Cacan	Joint (Cat. A. E	. A. Ci	Heat To	reatment	
No	Diemeter, in	Length,	ft & in	Spec (Grade or Type	Nom	Corr	Type Full	Fuil, Spot, None		Type	Full, Spot, None	Full, Spot, None Eff		Time	
		······································										_			
			SA-0	512		11_			<u> </u>	LL					
7. He	ads: (a)			lo , Grade or Typel	H T - Tune & Te	mp		(b)		(Mat I Spec.	No., Grade or Tyl	el H T Tin	ne & Temp		
	Location (Top.	Thick	ness	Parturs	Ethptical	Cone	ai Her	Hemispherical		Suite	io Pressure	rossure .		Category A	
	Battom, Ende)	Min	Corr Cro	wn Knuckle	Rafio	Apex A		Radius	Diametur	Conves	Concave	Туре	Full, Spot, None		
(8)				.937	· <u>·</u>		<u> </u>	WDB	Spot	85%					
(b)	i ovable, bolts use	1).D.	<u> </u>						
10. H	ydro., pneu., or ozzles, inspectic			penings:		_	yes or no and t	e componenti	s) unpact tester	d)					
	Purpose (inlet,		Diameter	Flange	Mat	rnal	Nozzie			nforcement	How Attache			Location	
0	utlet, Dram, etc 1	No	or Size	Туре	Nozzin	Flange	Nom.			Material	Nozzie		·	(Insp. Open)	
	oat Ga.	+1	2 1/2 3/4"	"Cplg.	SA-1		3000i				16.1Y2 16.1Y2		Top Top		
	. PG. ermo.	1	3/4"	Cplg SA-105 6							16.1Y2			· 	
	nway	1	15"	Flq.		16-70	250	-	Inh	erent	UW16.	1Y2	To	p	
		<u> </u>					<u> </u>	<u> </u>			1				
12. S	upports: Skirt	(Yes	Lu	gs	Legs _	(No.)	Others	10	escribel	At	tached		(Where and how)	
	emarks: H	ead	segmen	ts are	hot f	ormed	@ 16	50 de	grees	Fan	d air	coo]	ed,		
	double	<u>butt</u>	welde	d. Spot	t X-Ra	yed s	eams	vith	joint	<u>effi</u>	ciency	of	85%		
	.466" m	ın.	x 131.	875" O	D se	gment	al he	nisph	erica	l hea	d				
					CERTI	EICATE OF	SHOP/FIEL	COMPLIA	ANCE						
W	e certify that the	e statemo	ents made in	this report are						d workmans	ship of this p	ressure v	essel part co	nform to	
	ASME Code fo			ction VIII, Div							0.6				
U				~ ^ - ^							4 N				
	Certificate of Au	uthorizati	O/1 140.	1,454		Expires		ch 14	<i></i>		19 /	/	# 10		
Da	111:	uthorization	O/1 140.	Trinity	y Indu		s, In			Signed	19 50	Repre	En C		

Texas I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and/or the State or Province of and employed by Old Republic Insurance Company of Dallas, Texas and employed by 3, and state that, to the best of my knowledge and belief, the the pressure vessel part described in this Manufacturer's Data Report on Manufacturer has constructed this pressure wessel part in accordance with ASME Code, Section VIII, Division 1. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed/or/implied, concerning the pressure vessel part described in this Manufacturer's Data Report. Furthermore, neither the Inspector playing for any personal injuly or property damage or a loss of any kind arising from or connected with this inspection. 9441-A Texas 1066