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 Rules, Section VIII, Division 1

									UNT NO	DI ANT AGA
Manufactured ar	nd certifie	ed by TRIN	ITY INDI	JSTRIES.	INC., E AND ADDRES	1549 VANCE S OF MANUFACTURE	STREE R)	I, RUCKY MU	UNI, NC	PLANT #04
2. Manufactured fo	r <u>SYS</u> T	TEMS COR	P., 18TI	H & HOOD	FT. G	ILLEM, GA		050		
3 Location of insta	llation _	SAM	E		(NAME AN	D ADDRESS)				
4. Type HORIZ		1223	39		_	65443			88652	1996
HORIZ OR OR VERT TAN	<u> </u>		SERIAL NO I		(CAN)		ING NO )		(NAT'L BD. NO )	YEAR BUILT)
5. The chemical an	d physic	al properties	of all parts	meet the req	uirements of	f material specific	ations of	the ASME BOILER	RAND PRESSU	JRE VESSEL CODE.
The design, cor	struction	n, and workn	nanship con	form to ASM	IE Ruies, Se	ection VIII, Divisi	on 11	995 YEAR		
to	DENDAID	ATE:		CODE CAS	E NOS		SPECIAL SE	RVICE PER UG 120 (D)		
6. Sheil: <b>SA612</b>			.8125	11	0	111	10'-	10.25"	36"-0	
6. Sitell.	MATL (SPE	C NO GRADE)	NOM TH	HK (IN.)	CORR AL	LOW: (IN)		D (FT & IN)		OVERALLI (FT & IN )
7. Seams: WELD	,DBL	FU		1009		THAT		VELD, DBL	FULL B. T. (SPOT. PA	RTIAL NO OF
LONG , WE SNGL	ELDED DBI LAP BUTT)		OT OR FULL)					SNGL. LAP. BUTT)	OR FULL	COURSES
8. Heads: (a) Mail.	SA612	2 HOT FO	RMED, N	ORM.		(b) Mati. SA6	12 HU	(SPEC. NO. GRADE)	KM.	<del>-</del>
		_				R.T.: <b>S</b>	DUL	Eff: _ 8	35%	
Seg	g. Seams	E WELD.D		_H.T.:						
LOCATION (TOP) BOTTOM ENDS:	MINI	MUM CO	RROSION OWANCE	CROWN RADIUS	KNUCKLE RADIUS	ELLIPTICAL RATIO	APEX A	AL HEMISPHERICAL	PLAT DIAMETER	SIDE TO PRESSURE (CONVEX OR CONCAVE)
A) END	0.4		0"					654715	<u> </u>	CONCAVE
B END	0.4	66"	0"					654715		CONCAVE
If removable, be	olts used	I (describe o	ther fastenir	ngs)			(MATL . SP	C. NO. GR . SIZE. NO		
0. 1441415		25	in.			psi at max. te	omn.		125	'F
9. MAWP Min. design met	al temn			F	at 250	psi at max. ti _psi. Hydrostatic	-		375	psi.
10. Nozzles, inspec						_psi. 11ya.oota			UW-16.1	1
			т	T		NOM THK		REINFORCEMENT	HOW	
PURPOSE	NO	OR SIZE	TYPE	CAPA	MATL	2.5"		NTEGRAL	ATTACHED (i)	HEAD
MANWAY	1	15"	PTFLG		6-70N	3000#		NIEGRAL	(v-2)	HEAD
LEVEL GA	1,1	2.5",2' -75"	CPLG CPLG	SA10!		6000#	+		(y-2)	
TW,LL-PG FILL VAP	1.2	2"	PTFLG		6-70N	2.15"			(d)	
LIQUID OUT	1	3"	PTFLG		6-70N	2.53"		NTEGRAL	(d)	
RELIEF			SA51	6-70N	3.0"		NTEGRAL	(d)		
11. Supports: Skirt	NO	Lugs _	(N(5))	Legs	Other		SCRIBE	Attache	/W+	HERE AND HOW!
12. Remarks: Manu	ıfacturer	's Partial Da	ta Reports p	properly iden	itified and s	igned by Commi	ssioned I	nspectors have be	en furnished fo	or the following items
of the report:		RINITY	1EAU #1:	968-0	OF PART, ITEM	NUMBER, MEGRIS N		ENTIFYING STAMP)		
	TANK.	HORIZO	NTAL LPO	STORAG	E: 131	.875" OD x	30,00	O WG		
Augustin and the second	TO BE	USED I	N A NON-	-CORROSI			-20F	AT 150 PSI.		
	LINE	9: MDM	T/PSI BA	ASED ON	UCS-66	(a), UCS-6	5 (b)	AND UG-20 (	<u>f).                                    </u>	
						SHOP COMPLIA		construction and	vorkmanehin o	f this vessel conform
to the ASME Code	stateme	ints made in	this report a	tre correct at	no triat ali di 1. "Ll" Certifi	cate of Authoriza	ition No.	10,829	rich expires	f this vessel conform ULY 18 19 97
Date 1-29-96	ior Fies	O Na TRI	VITY IN	USTRIES	, INC P	LANT #04 s	igned	تسهما	llea-a	
Date				MANUFA	CTURER				REPRESENTATIVE	
				CER	TIFICATE O	F SHOP INSPEC	TION	MOUNT NO		
Vessel constructe	d by TR	RINITY II	NDUSTRI	ES, INC	PLANI #	<u>04</u> at -		MOUNT, NC		
			nmission is:	sued by the	National Bo	ard of Boiler an	d Pressu Ritc 1	re Vessel Inspect NSURANCE CO	ors and/or the MDANV	State or Province of
NORTH (			had in this t				NUARY	29 .19		state that to the best of
have inspected the	d haliaf	the Manufac	turer has co	instructed thi	s pressure	vessel in accorda	ance with	ASME Code. Sec	tion VIII, Divis	ion 1. By signing this
- certificate neither	the inche	ector nor his	employer m	akes anv wa	rranty, expre	essed or implied	concernir	ia the pressure ve	ssel described i	in the Manufacturers
<ul> <li>Data Report, Furth kind arising from to</li> </ul>	nermore, or conner	neither the i	inspector no	r nis emp <del>i</del> oy	rer snail be	nable in any man			40067	mage or a loss of any
Date 2-1-96		Signed	m	PRIZED INSPECT		Commissions	NC 1		BD 1086/	
TRI 437-CON (R 10:93)			(AU I HC		٠٠,				E, PROV. AND NO.)	

## FORM U-2A MANUFACTURER'S PARTIAL DATA REPORT (ALTERNATIVE FORM) S/O H-1955 A Part of a Pressure Vessel Fabricated by One Manufacturer for Another Manufacturer 131" Fitted As Required by the Provisions of the ASME Code Rules, Section VIII, Division 1

			no nequ	ined by the r	10412101	15 C1 1116	ASIMIL	oue nu	63, 561	- CIOII VIII	, 011131011				
1. Ma	nufactured and	certified	by <u>Т</u>	rinity I	ndust	ries,	Inc.	901	Brenn	nan, F	t. Wor	th,	Tx. 76	5106	
2. Mai	nufactured for	Tr	inity	Industr	ies,	Inc.	Dallas	, Tex	as	(Mer)					
3. Loc	ation of installa	ation	"Si	tock"			(Name and	aspess of Por	· nasen						
4. Typ	Homi		rical	Head				Name and add 955-8							
i <b>у</b> į.	ie. <u></u>		ription of vess	1 part (shell, two pince t				:Mig's s	rial No.1,	Tna		,c	1995		
	(Nat'l Bd N	lo 1	***	(Drawing No.)	_	TITIL	ity Ind	10 rawing pr		Inc.			(Year burt		
5. <b>AS</b> i	ME Code, Secti	ion VIII, C	Div. 1	1992 A-9	3 nd Addenda (dat	ei		Code Case	No		Spec	rai Service	per UG-120rd1		
6. She	ll (a) No. of	coursels	):				ngth (ft & in.								
	Connac	114)		Material	Tim	rkness	i gog .	oust (Car. A)		Carum	Journ (Car A, B,	<b>∧</b> C:	Heat Tr	eatingot	
No.	Diemeter, in.	Length,	ft & in	Spec /Grade or Type	Nom	Corr	Type Full,	Sport, None	£11	Type	Full, Spot, None	EII	Temp	Time	
				-											
									1						
7. Hea	ds: (a)		SA	-612				n)	.44			- 1			
		1	(Mat'l Spe	c No. Grade or Type) h	(I Time & Te	emp				Matil Spec	io., Grade or Type	n H T Ten	ne & Temp		
	Location (Top, Sottom, Ende)	Thick	r	Radius	Elliptical	Conic	al Hemispherical		Flat	<del></del>	o Pressure	Categor		• A	
(a)	BOTTOM, ENGEL	.466		Crawn Knuckle	Ratio	Apas Ar		.937"	Diameter	Conves	Concave X	WDB	Full, Spot, None	85%	
(b)		400					1	D.		ļ	<b></b>	WDB	Spot	038	
f remo	vable, bolts us	ed (descr	ibe other fa	sstening)			· · · · · · · · · · · · · · · · · · ·					· · · · ·		<del></del>	
B. MA	A/D				_					rade Size, No.1					
	(interna	1)	(external)	psi at max, tem		ernal)	(external)	F. Ma	n, design	metal temp.		_ %	at	psi.	
). Imp	act test					ilndicate	yes or no and the	compliment(s)	impact tested	·			<del></del>		
0. Ну	dro., pneu., or	comb. te	est press.			Proof	test								
1. No	zzles, inspectio	on, and s	afety valve	openings:											
	Purpose (Inlet,		Diamete	r Flange	Mai	terial	Nozzie II	rckness	Rein	forcement	How	Attached		ocation	
Ou	tlet, Drain, etc.)	No	or Size	Туре	Nozzle	Flange	Nom.			fateria:	Nozzie	Frange (Ins.		p. Open I	
	oat Ga.	+-1-	<del></del>	2" Cplg.	SA-1		3000#		<del></del>	UW1	<del></del>	<del> </del>	To		
	PG. ermo.	+-1	3/4"		SA-1 SA-1	<del></del>	6000# 6000#		<del>-</del>	UW1 UW1	<del>}</del>	+	To To		
	nway	11	15"			16-70	250#				UW16.	1Y2	То		
2. <b>S</b> u	pports: Skirt	(Yes n		Lugs	Legs _	O	thers			Att	ached				
	marks: H	ead	segme	nts are	hot f	ormed	@ 165	0 dea	rees	F and	l air (	cool	(Where and how)		
(	double	<u>butt</u>	weld	ed. Spot	X-Ra	yed s	eams w	ith i	oint	effic	ciency	of	85%		
	.466" m	ın.	x 131	.875 <sup>"</sup> 0.	D. se	gment	al hem	isphe	rica	l head	1				
					CERTI	SICATE OF	SHOP/FIELD								
We	certify that the	e stateme	ents made i	n this report are o						workmanst	nip of this pre	essure v	essel part con	form to	
			e Vessels.	Section VIII, Divis							0.6				
u c	ertificate of Au	thorizatio	on No	11,454		Expires	Marc	h 14,			19 96		-/ //	•	
Date	· 1/0/	195	Name	Trinity	Indu	strie	s, Inc	•		Signed	157	ry	lark	~	
		·				(Manufacture	er)				<u> </u>	Repair	entative!		
					CERT	IFICATE OF	SHOP/FIELD	INSPECTION	N			f.	TOY.	26	
	e undersigned, employed by	holding		imission issued by depubl						tors and/or Dallas					
		part des		nis Manufacturer's			3-22	19 9	<u> </u>				have in: vledge and be	1	
				sure vessel part i	-		AE Code, Sec	tion VIII, D					-		
				ed of implied, cond										1	
nor	his employer st	nall be lial	ble in any n	maliner for any pe	ersonal injur	y or propert	y damage or	a loss of a	ny kind ar	ising from o	r connected v	with this	inspection.		
Date	ゴンレ		igned	med,	1			Commissio	ons	9441 <i>-1</i>	Texas	s 10	66		
• • • • • • • • • • • • • • • • • • • •					authorized Inspe	ector)				(Nat'l Boa	rd incl endorseme	ent, Stale, (	Province and No.1		
2/011		TL	4												

	•	A Par	s Req	uired	by the P	sel Fabri	cated of th	e AS	ne Manufact ME Code Rul	urer for les, Sec	Another tion VIII,	Division	turer 1 1	31"Bla	
. Mar	nufactured and c	ertified b							C. 1901			Wor	th,	Tx 761	06
. Mar	nufactured for		Tr	init	y Inc	lustri	es,	Inc	. Dallas	, Tex	as		<del></del>		
. Loc	ation of installat	ion	<u>"</u> S	toc	ζ"				(Season and arti	less.					
. Typ	e: <u>Hemi</u>	sphe	rica	al H	ead				968-0	4				Hîraj	
, ,		โปคระก	ation of ver	esol part (st	309-01	rad Tube bonde	Tri	nit	y Indust	ries	Inc.			1995	
	(Nat'l Bd No		-	(D	rawing No.) 92 A-9				(Crawing p	repared by				(Year buil	
. ASI	ME Code, Sectio	n Vill, Dr	v. 1	1.2.	Edition and	d Addensia Idatel			Coule Case	• •		Spec	al Service	per UG 120(d)	
. She	ell (a) No. of c	ourse(s):		7		<del></del>	Overall	length					• •	, may 7:	•atment
	Coursels Diemeter, in	Length, fi		Sugar	Material /Grade or Type		Nom Corr Ty		Enny Justi Cat. A: Full Spot, Norse	<del></del>		Joint (Cat. A. B. & C)  Full, Spot, None Eff.		Temp. Time	
No	THE CONTRACT OF THE CONTRACT O		<b>6</b> 10	30%	Advante de 1460										
													<del> </del>		
	LL	77 -	· ·	<u></u>			11		<u>i</u>					1.	
. Hea	ads: (a)	SA-61		Spec No. (	Grade or Type) h	IT Time & Ter	np		(b)		(Mar) Spec N	o . Grade or Type	9 H T Ta	me & Temp	
	Location (Top.	tetion (Tap.		F	Racticis.	Eiliptic a.	Co	onical	Homispherica	F.a:	Side to	Pressure		Category A	
	Battom, Ends)	Min	Corr	Crown	Knuckle	Rafio	Anes	Anyle	Radius	Diameter	Conve	Concave	WDB	Spot	85%
(a) (b)		.46	5''				-		65.937"	<u> </u>	-	X	MDB	Spot	038
10. H 11. N RΩ	double	No. 1	Diamond Segment	Lugs	Flange Type  Cplg.  INO 1  s are	SA-1	Property of the control of the contr	Other	Notice Ti-caness Norm Corr	grees	ntorcement Material  UW1  Attention of the control	Nozele  6.1Y2  ached ached icienc	coo	To where and how led,	
	e certify that the ASME Code for Certificate of Au	r Pressur	e Vesse on No.	ls, Sect	on VIII, Div	correct and	that all	details	PERIOD COMPLIA of material, const March 14	ruction, ar		hip of this p	ressure	vessel part co	enform to
U	ate						(mianut			TION	<del>//</del>		1		
υ	ate					CEDI		OE CH	ODIEIEI O INSPECT		1,7				
U Da I, an th M	the undersigned nd employed by the pressure vesse anufacturer has nployer makes ar	O el part des construct ny warran	ld F scribed i ed this i	Repu in this M pressure essed or	blic anufacturer vessel part implied, co	by the Natio Insura 's Data Rep in accordar neerning the	nal Board INCE ort on nce with	CON CON ASME	Code, Section VIIII I part described in I	of , and , Division this Manuf	Datta d state that, it is By signing acturer's Dat	to the best of this certificate a Report. Fur or connected	f my kn te neith thermo	have owledge and ler the Inspect re, neither the his inspection	or nor his Inspector

(12/91)