FORM U-1 MANUFACTURERS' DATA REPORT FOR PRESSURE VESSELS As required by the Provisions of the ASME Code Rules, Section VIII, Division I

1. Manufactured by			professional and the second se	pro-reference de la company de		mentions that the first the first the contract of the contract
				address of Menufect	Cincinnati, Ohio 45	246
2. Manufactured for I	aniel Cor or Fibers	nstruction Internati	Company Int	ernational	Guayama, Pue	rto Rico
3. Type Vert.	Kind Jkto	I Tank Vest	sel No. (11341) (State & State No.	ad. Bd. No. 2693	Yr. Built 1970
	Marie and Print and Artist and a second and an experience	anger at an anger accommission and design an artist of the anger an artist of the anger and a second and a second	reflection of the first and the control of the cont	to reflective and extragalisms, a propagation for the Market Strategy of the Parket Strategy of the Strategy o	CONTRACTOR	The committee of the co
4. SHELL: Material	304 SA-21	10 г.з. 750	Nomi This B N Spec Min T S	kness /4 In. Allo	kered vessels, or shells of osion H-H-wance In. Diam. H-Ft.	364 ength 5 Felling
5. SEAMS: Long Db (Welded,	Butt	p. Buth Wes	R.T. Comp	lete Sectioned (Y	NO Efficiency 100	scribe seams fully on re-
Girth <u>Dt</u>	1. Butt	н.т. <u> N</u> (D R.T. Comp	lete Sectioned	NO No. of Courses	l form.
Location (Top, bottom, ends) Thickness	Crown Redus	Knuckie Eli Radius R	iprical Conical latio Apex Ang	Hemispherical Flat le Radius Diameti	T.S. 75000 Side to Pressure or (Convex or Concave)
(a) BTM	<u> </u>	the three designation of the section	8-3/4"	130°		Concave
(b) TOP						Concave
if removable, boits	(Materia	II.Spec No T S.	Size, Number	met lastening	(Describe or Attach Sketch)	The second secon
7. STAYBOLTS:	(aterial)	If hollow Size of	Attachment Hole)	Threaded, Welded)	Pitch (Horiz.) X (Vert.)	Diam (Nominal)
					104 Shell Closure if belted, describe or sketch)	
			ж. temp. <u>645</u> ° г .	Min. temp. (when less than -20°)	Hydrostatic Provinciesos F. Stronguesos	Test 143 psi.
Items 10 and 11 to be a 10. TUBE SHEETS: St	completed for ationary. Mare	tube sections.	Birthrolline menteriologic eros anti-reconsista de estado en estado en estado en estado en estado en estado en	Diam	In Thickness I	
		(Kind	& Spec. No.)	(Subject to Pre	In. Thickness In. At	(Welded, Bolted)
F	oating. Mate	rial (Kind	& Spec. No.)		In. Thickness In. At	tachment
11. TUBES: Material	and & Spec No.)).D.	In. Thickness	Inches or Gage	NumberT	ype
Items 12-15 incl. to be	completed fo	r inner chamber	s of jacketed vesse	els, or channels of	heat exchangers.	(Straight or U)
12. SHELL Material 3	011 50-0110		Nominal		and where the article and record records on the second of the second of the second of the second of the second	ACRES CARROLLE SAME, LA LE SERVICIO CON ESTRES LA CARROLLE DE LA CARROLLE DEL CARROLLE DE LA CARROLLE DEL CARROLLE DE LA CARRO
	Kind and Spec. 1) T.S. 7500 No.7 (Fig. or F	OO Thickne	ss 5/8 in. Allowan	on ace_In. Diam. 4 Ft. 0 In	1. Length 5 Ft. 7-1/2
					NO Efficiency 10 (Yes or No)	If riveted describe seams fully on re-
13. SEAMS: Long Weld	bl. Butt ed. Dbi. Single, bl. Butt	H.T. N(Yes	O R.T.Comp	lete Sectioned r Complete) lete Sectioned	NO Efficiency 10 NO No. of courses	If riveted describe seams fully on reverse side of form.
13. SEAMS: Long Weld Girth 14. HEADS (a) Materia	bl. Butt ed.bbi.Single. bl. Butt	H.T. NO H.T. N	P.TCOMD OF NO! R.TCOMD D R.TCOMD	lete Sectioned r Complete) lete Sectioned SA-240 ts 75	NO Efficiency 10 NO No. of courses	If riveted describe seams fully on reverse side of form.
13. SEAMS: Long Weld Girth 14. HEADS (a) Materia	bl. Butt ed. Db Single, bl. Butt : 304 SA-2 Thickness 1.57"	H.T. NO H.T. N	R.T.COMP (Spot of) R.T.COMP 20 (b) Matchill Knuckle Ellipt Radius Rat 3-3/4"	lete Sectioned, r Complete) lete Sectioned SA-240 T.S. 75 icai Conical Apex Angle 130°	NO Efficiency 10 NO No. of courses	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure
Girth Girth Girth 14. HEADS (a) Materia Location (a) Top, bottom, ends (b) Charact TOP	bl. Butt ed.Dbl.Single, bl. Butt 1304 SA-7 Thickness 1.57"	H.T. NO H.T. N	R.TCOMD or No. (Spect of) R.TCOMD O R.TCOMD O (b) Matchial Knuckle Ellipt Radius Rat 0-3/4"	lete Sectioned, r Complete) lete Sectioned SA-240 T.S. 75 icai Conical Apex Angle 130°	NO Efficiency 10 NO No. of courses	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave)
Girth Girth Girth 14. HEADS (a) Materia Location (a) Top, bottom, ends (b) Change TOP (c) Floating	bl. Butt ed.Dbl. Single, bl. Butt 1 304 SA-2 Thickness 1 57" 5/8"	H.T. NO Yes H.T. NO Yes H.T. NO Crown Radius	R.T.COMD (Spot of) R.T.COMD 20 (b) Mathal Knuckle Ellipt Radius Rat 0-3/4"	lete Sectioned, r Complete) lete Sectioned SA-240 T.S. 75 icai Conical Apex Angle 1300	NO Efficiency 10 NO No. of courses OOO (c) Material Hemispherical Flat Radius Diameter	If riveted describe seams fully on reverseside of form. T.S. Side to Pressure (Convex or Concave) Both
Girth Girth Girth 14. HEADS (a) Materia Location (a) Top, bottom, ends (b) Change TOP (c) Floating	bl. Butt ed.Dbl. Single, bl. Butt 1 304 SA-2 Thickness 1.57" 5/8"	H.T. No Lap. Butt) (Yes H.T. N	R.T.COMD or No. (Sport of) R.T.COMD) R.T.C	lete Sectioned, r Complete) lete Sectioned SA-240 T.S. 75 icai Conical Apex Angle 1300	NO Efficiency 10 (Yes or No) NO No. of courses 000 (c) Material Hemispherical Fist Radius Diameter STL SA-193-B7 12	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave) Both Both 25000 1" 56
Girth I Girth I 14. HEADS (a) Materia Location (a) Top, bottom, easts (b) Change TOP (c) Floating If removable, bo	bl. Butt bl. Butt 1 304 SA-2 Thickness 1 57" 5/8" Its used (a)	H.T. No Lap. Butt) (Yes H.T. N	R.T.COMD (Spot of) R.T.COMD (Spot of) R.T.COMD (b) Match 11 (Knuckle Radius Ration R	Lete Sectioned	NO Efficiency 10 (Yes or No) NO No. of courses 000 (c) Material Hemispherical Fist Radius Diameter STL SA-193-B7 12	If riveted describe seams fully on reverseside of form. T.S. Side to Pressure (Convex or Concave) Both Both
Girth Girth Girth 14. HEADS (a) Materia Location (a) Top, bottom, ends (b) Guerrel TOP (c) Floating If removable, bo	bl. Butt ed.Dbl. Single, bl. Butt 1 304 SA-2 Thickness 1 57" 5/8" Its used (a)	H.T. No. (Yes H.	R.T.Comp or No) ¹ R.T.Comp O R.T.Comp DO (b) Match 1 Knuckle Ellipt Radius Rat 5-3/4" 2:	lete Sectioned (Complete) lete Sectioned (SA-240 T.S. 75) icai Conteal (Apex Angle 1300) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	NO Efficiency 10 (Yes or No) NO No. of courses 000 (c) Material Hemispherical Flat Radius Diameter STL SA-193-B7 12 er fastening (Describe of Hydrostatic Diameter)	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave) Both Both 25000 1" 56
Girth Girth Girth 14. HEADS (a) Materia Location (a) Top, bottom, ends (b) Guered TOP (c) Floating If removable, bo	bl. Butt bl. Butt 1 304 SA-2 Thickness 1 57" 5/8" Its used (a) (c) press: 304	H.T. No Lap. But) (Yes	R.T.Comp or No) ¹ R.T.Comp O R.T.Comp O (b) Ma3-Ha1 Knuckle Ellipt Radius Rat 5-3/4" 2:	Lete Sectioned	NO Efficiency 10 (Yes or No) NO No. of courses 000 (c) Material Hemispherical Flat Radius Diameter STL SA-193-B7 12 er fastening (Describe of Hydrostatic Diameter)	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave) Both Both 25000 1" 56
Girth Girth Girth Girth 14. HEADS (a) Material Location (a) Rop, bottom, ends (b) Change TOP (c) Floating If removable, bo 15. Constructed for ma allowable working Items below to be com 16. SAFETY VALVE C	bl. Butt ed. Dbl. Single, bl. Butt 1 304 SA-2 Thickness 1 57" 5/8" Its used (a) (c) press? 304.	H.T. NO Lap, Butt) (Yes H.T. NO 240 T.S.7500 Crown Radius (Material, Spec. No 5 psi at max. tr	R.T.Comp or No) ¹ R.T.Comp O R.T.Comp 20 (b) Match 1 Knuckle Ellipt Radius Rat 5-3/4" 2:	lete Sectioned (Complete) lete Sectioned SA-240 T.S. 75 icai Conical Apex Angle 130° 1 (b) Other Conical (Conical Apex Angle 130°)	NO Efficiency 10 (Yes or No) NO No. of courses 000 (c) Material Hemispherical Flat Radius Diameter STL SA-193-B7 12 er fastening (Describe of Hydrostatic Diameter)	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave) Both Both 25000 1" 56
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Girth	bl. Butt bl. Butt 1 304 SA-2 Thickness 1.57" 5/8" Its used (a) (c) press2 304 pleted for all	H.T. No. 1. No.	R.T.Comp or No) ¹ R.T.Comp O R.T.Comp DO (b) MacHal Knuckle Ellipt Radius Rat 5-3/4" 2: lo., T.S., Size, Numbe	lete Sectioned (FC Complete) lete Sectioned (SA-240 T.S. 75) Icai Conical Apex Angle 130° 1 (b) (b) (Content Conical Conica	NO Efficiency 10 (Yes or No) NO No. of courses 000 (c) Material Hemispherical Fist Radius Diameter STL SA-193-B7 12 er fastening (Describe of Hydrostatic Natural STL SA-193-B7) Location Reinforces	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave) Both Both 25000 1" 56.
Girth	bl. Butt bl. Butt bl. Butt bl. Butt bl. Butt bl. Single, bl. Butt bl. Butt bl. Sa-2 Thickness l. 57" 5/8" lts used (a) (c) press2 304 pleted for all bl. TLETS: Number l. Each	H.T. No. 1. No.	2) R.T.COMD or No) R.T.COMD 10 (b) Ma3CH41 Radius Ellipt Radius Rat 5-3/4" 2: 15., T.S., Size, Numbe em, 645 °F.) pplicable. 7 Type 1 300# USAS 300# USAS /4 300# USAS	lete Sectioned (Complete) lete Sectioned (SA-240 T.S. 75) ical Conical Apex Angle 130° 1 (b) Other Min, temp. (when css than -20°) Size Material 304 304 304 304	NO Efficiency 16 NO No. of courses 000 (c) Material Hemispherical Flat Diameter STL SA-193-B7 12 er fastening (Describe of Hydrostatic Parkets XX) SF. Carrier Material SCH 40 SCH 40 SCH 80	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave) Both Both 25000 1" 56 r Attach Sketch) Test Press 600 psi.
Girth	bl. Butt bl. Butt bl. Butt bl. Butt bl. Butt bl. Single, bl. Butt	H.T. NO Lap. Butt) (Yes H.T. NO 240 T.S. 7500 Crown Radius (Material, Spec. No Spsi at max. to vessels where a mber Diam. or Size 4,1-1/2, 3 & 2 3,1-1/2,3 3	R.T.Comp or No) ¹ R.T.Comp O R.T.Comp DO (b) Machial Knuckle Ellipt Radius Rat 5-3/4" 2: Io., T.S., Size, Numbe	lete Sectioned (Complete) lete Sectioned SA-240 T.S. 75 ical Conical Apex Angle 130° Conical Apex Angle 130° Other Conical Apex Angle 130° Min. temp. (when css than -20°) Size Material 304 304 304 304	NO Efficiency 10 NO No. of courses 000 (c) Material Hemispherical Flat Plameter STL SA-193-B7 12 er fastening (Describe of Hydrostatic Passantation) F. Cambridge XX Location Reinforcem Material SCH 40 SCH 40 SCH 80 Speical Forging	If riveted describe seams fully on reverse side of form. T.S. Side to Pressure (Convex or Concave) Both Both 25000 1" 56 Attach Sketch) Test Press 600 psi.
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ENIMES Heredwitz Ala	Size_	Location		
ENTITY HANDROICS, NO.	Size	Location		
Threaded, No.	Size	l anneim		
PPORTS: Skirt NO Li	ugs 4	Legs Ot	her	Attached Shell
MARKS:. This is a Polymer Au	toclave.			**************************************
s vessel has an internal helic	cal coil of 2"	SCH 40 TF304 SA3	12 Pipe design	ned and tested
Line 9.				
				adericales Miller deux -> -apt Not hing angle (est process) from the problems are septimized as a second blood of the control
m No. F1-1006-660-5830-6330	11 40	Co De N D		
(Brief description of purpose of the vesse	LL 43	Sq. IT. N.B.	S.O. 9281	D-28085
e certify that the statements made in this rep is vessel conform to the ASME Code for Pres	port are correct and the	at all details of design,	material, construction	on, and workmanship
			0/11-1	Harris .
AUG 1 8 1970 19 Signed	Vulcan Manufa (Manufac	cturing Company B	, was	you/
			∕t. C. Habaı	n
ertificate of Authorization Expires	2/31/70			
	RTIFICATE OF SH			
VESSEL MADE BY Vulcan Ma	nufacturing Company	y _{at} Cincinnati,	Ohio	
i, the undersigned, holding a valid commi			Pressure Vessel Insne	ectors and/or
the State or Provincean	d employed by Ha	rttord Steam Boiler Ins	p. & Ins. Co.	of
		spected the pressure vess	el described in this m	annfacture of a
data report on	1Q and stat	e that to the best of my l	nowledge and heliaf	the manufac
turer has constructed this pressure vessel Code.	in accordance with the	applicable sections of the	ASME Boiler and Pres	ssure Vessel
By signing this certificate neither the In				
pressure vessel described in this manufactu	urer's data report. Furth:	ermore neither the Inchect	or nor his amolouse ch	off he fiehle
in any manner for any personal injury or p	property damage or a lo:	ss of any kind arising from	or connected with this	s inspection.
Date AUG 1 8 1970 19	9			
2 61.30		Nocean		
Jack W. Ke.	Commission	nB2587	0510	66
Inspectors Signature		Nat'l Board, St	ate, or Province and N	0.
				•
CERTIFICA	ATE OF FIELD AS	SEMBLY INSPECTI	ON	
I, the undersigned, holding a valid comm	ission issued by the Na	tional Board of Boiler and	Pressure Vessel Inspe	ectors and/or
	ission issued by the Na	tional Board of Boiler and	Pressure Vessel Inspe	ectors and/or of
I, the undersigned, holding a valid comm	ission issued by the Na	tional Board of Boiler and	Pressure Vessel Inspe	of
I, the undersigned, holding a valid committee State or Province an an with the described pressure vessel and state	ission issued by the Na id employed byhave co	tional Board of Boiler and ompared the statements is	Pressure Vessel Inspen n this manufacturer's	of data report
I, the undersigned, holding a valid commithe State or Province an with the described pressure vessel and state not included in the certificate of shop in:	ission issued by the Na d employed by have contact that parts referred to assection have been inst	tional Board of Boiler and ompared the statements is data items	Pressure Vessel Inspendent this manufacturer's	data report
I, the undersigned, holding a valid committee State or Province an	ission issued by the Na id employed by have contact parts referred to as spection have been insp mbled this pressure ves	ompared the statements is data items sected by me and that to seel in accordance with the	Pressure Vessel Inspen n this manufacturer's the best of my knowled e applicable sections	of data report ge and belief of the ASME
I, the undersigned, holding a valid common the State or Province an with the described pressure vessel and state not included in the certificate of shop in:	ission issued by the Na id employed by have contact parts referred to as spection have been insp mbled this pressure ves	ompared the statements is data items sected by me and that to seel in accordance with the	Pressure Vessel Inspen n this manufacturer's the best of my knowled e applicable sections	of data report ge and belief of the ASME
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