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

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	Manufactured fo	r		vanskie i -		ess of purchaser)	Brain Folds			18 120 1
3.	_ocation of insta	allation	Jones-	Hamilton	Company	14-14 F 16	parties of the spart	Newark,	Califor	nia
					(Name an	d address)		ر مواد حصومه	التراكيس مايسي	
1.	l ype	Z. or vert., tank)	-	(Mfgr's serial No.)		(CRN)	CL 800+065 (Drawing)	A 38	(Nat'l, Bd. No.)	1985 (Year built)
			Man I I							
	The chemical an construction, an							ASME Boiler and	d Pressure Ves	ssel Code. The design
	onstruction, an	u workmansm	p comorm to A	SIVIE Hules, 3	ection viti, Div	151011 1		Year		
Ė.	Winter	04		N/A			10/A			1.
	Adde	enda (date)		Code Case No				Special service per UG	120(d)	
ms	6-11 incl. to be c	ompleted for sin	ngle wall vessels		eted vessels, or si	heets of heat exc	changers			AL 20 AP /200
	Shell:	Matl. (Spec. No., G	rade)	Nom. Thk. (in	.) Corr.	Allow. (in.)	7-1/2 Diam	. I.D. (ft & in.)		(Length (Overall)(ft & in.)
,	Seams:	Welded, Ob	1. Butt		Sc	ot		85		
	Seams:	Lo	ong. (Dbl., Sngl.)	37.3	-	R.T. (Spot or Full)		Eff. (%)		H.T. Temp. (F)
		49	Wol	ded, Dbl. (110.10.10	lo rapital	Partia		- n - 1 - 1	2
- 1		Time		G	irth (Dbl., Sngl.)			Spot, Partial, or Full)		No. of Courses
3.	Heads: (a) Matl.	- SA	285 B (Spe	c. No., Grade)		(b) Mat	ı. SA 205		No., Grade)	And North
	Location (Top,	Minimum	Corrosion	Crown	Knuckle	Elliptical	Conical	Hemispherical	Flat	Side to Pressure
	Bottom, Ends)	Thickness	Allowance	Radius	Radius	Ratio	Apex Angle	Radius	Diameter	(Convex or Concave)
(a)	Тор	29/64*	N/A	31-1/2"	3-9/32"	N/A	N/A	N/A	N/A	Conceve
(b)	Bottom	25/64"	N/A	31-1/2"	型。似 J电内台	40.50	49 产品	N/A	N/A	Pananasa.
).	If removable, bo	N/A	ribe other faste	nings)	If bar, give dim			, Gr., Size, No.)	lestrodinio na	ed, describe or sket
9. 0. 1.	Type of Jacket . Jacket Closure _	N/A (Describe	ribe other faste	nings)	If bar, give dim	N/A Proof Tes	(Matl., Spec. No.	, Gr., Size, No.)	If bolt	ed, describe or sketc
9. 0. 1.	Type of Jacket . Jacket Closure _ MAWP	N/A (Describe	e as ogee & weld, b	nings)	If bar, give dim	N/A Proof Tes	(Mail, Spec. No	, Gr., Size, No.)	If bolt	ed, describe or sketc
9. 0. 1.	Type of Jacket . Jacket Closure _ MAWP	(Describe	e as ogee & weld, b	nings)	If bar, give dim	Proof Tes	(Mail, Spec. No	, Gr., Size, No.)	If bolt	ed, describe or sketc
9. 0. 1.	Type of Jacket . Jacket Closure _ MAWP	(Describe	e as ogee & weld, b	nings)	If bar, give dim	Proof Tes	(Matt, Spec. No.	, Gr., Size, No.)	If bolt	ed, describe or sketc
9. 0. 1.	Type of Jacket . Jacket Closure _ MAWP	(Describe tes procompleted for turns Matl. (S	e as ogee & weld, be psi at materials. psi at materials. psi of materials.	nings)	If bar, give dim	Proof Tesensions°F. M	(Mail, Spec No.	en less than -20 ^C	If bolt	ed, describe or sketc
9. 0. 1.	Type of Jacket . Jacket Closure _ MAWP	(Describe tes procompleted for turns) Stationary Matl. (Spring Matl. (S	e as ogee & weld, be psi at materials. psi at materials. psi of materials.	nings)	If bar, give dim	Proof Tesensions°F. M	(Mail, Spec No.	, Gr., Size, No.) en less than -20 [°]	If bolt	ed, describe or sketc
9. 0. 11. eems	Type of Jacket . Jacket Closure _ MAWP	(Describe tes procompleted for turns) Stationary Matl. (Spring Matl. (S	e as ogee & weld, be psi at materials. psi at materials. psi of materials.	nings)	If bar, give dim	Proof Tesensions OF. M psi Nom. Thk. ((Mail, Spec No.	corr. Allow (in.)	If bolt	ed, describe or sketc
9. 0. 11. 22.	Type of Jacket . Jacket Closure _ MAWP	(Describe to property Matt. (Sp.	e as ogee & weld, b psi at materials psi at materials psec. No., Gr.)	nings)	If bar, give dim sect to pressure) (in.)	Proof Tesensions OF. Mom. Thk. (Nom. Thk. ((Mail, Spec No. st	corr. Allow (in.)	If bolt	ed, describe or sketc
9. 1. 2. 3.	Type of Jacket . Jacket Closure _ MAWP Hydro., pheu., c 12 and 13 to be of	(Describe (Descr	psi at management of the sections pec. No., Gr.) Spec. No., Gr.)	Diam (in.) (Sub)	If bar, give dim Sociation pressure) (in.) O D (in.)	Proof Tesensions F. M psi Nom Thk ((Mail, Spec. No. st	Corr. Allow (in.	If bolt	ed, describe or sketo c Attach (Welded, Bolted) Attach Type (Straight or "U")
9. 0. 11. 22. 3.	Type of Jacket . Jacket Closure _ MAWP	(Describe to property Matt. (Sp.	psi at management of the sections pec. No., Gr.) Spec. No., Gr.)	nings)	If bar, give dim Sociation pressure) (in.) O D (in.)	Proof Tesensions OF. Mom. Thk. (Nom. Thk. ((Mail, Spec. No. st	corr. Allow (in.)	If bolt	ed, describe or sketo o o Attach. (Welded, Bolted)
9. 11. 12. 3. 4.	Type of Jacket . Jacket Closure _ MAWP	(Describe (Descr	e as ogee & weld, be psi at manager	Diam (in.) (Sub)	If bar, give dim Sociation pressure) (in.) O D (in.)	Proof Tesensions OF. Mom. Thk. (Nom. Thk. ((Mail, Spec. No. st	Corr. Allow (in.) Corr. Allow (in.)	If bolt	ed, describe or sketo o o Attach. (Welded, Bolted) Attach. Type (Straight or "U")
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This form (E00108) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017

(12/82)

						-		
Purpose Inlet, Outlet, Drain, etc.)	No.	Diam. or Size	Туре	Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet	-	6"	Obl.Butt (31rth SA 181-60	25/64"	None	Welded	N/A
Outlet	94.11	12"	Obl.Butt (Sirth SA 181-60	25/64"	None	Welded	N/A
	G		and the same	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20 (1.17)			a facer
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		1 100		in Links	THE RESERVE	Michalleth supely	<u> Carlos andressas and</u>	0.00.000.00.00.00.00.00.00.00.00.00.00.
Martin.					2 1 1 1 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2	A6 38		A 45 - 47 - 4
						1786.00		8
	The same and							
9. Supports:	Skirt_	na 5 11	ftings o	Other 4 side sup	nort lugs	Wolded on heads		d land
Glass	lined	steel col	umn for ch	emical use.			and a series	
Ve certify that to orm to the ASM U'' Certificate o	the state IE Code to of Autho	ments made i for Pressure V rization No	in this report a /essels, Section	CERTIFICATE OF S are correct and that all of the correct of the co	details of desig	n, material, construction	Tolch wahou	ip of this vessel of
Ve certify that to the ASM 'U'' Certificate contact to the Date	the stater IE Code to of Autho	ments made if for Pressure Virization No	in this report a	CERTIFICATE OF S are correct and that all of VIII, Division 1. expires_ (Manufacturer) CERTIFICATE OF	details of desig	n, material, construction 16 , 19 86 Signed WAGER I	C Sarrescu (Hépresentative)	ip of this vessel of
Ve certify that to orm to the ASM (U" Certificate contents of the Contents of	the states	ments made if for Pressure No IDEA Co. na	in this report a /essels, Section 11716 me	CERTIFICATE OF S are correct and that all of VIII, Division 1. expires_ (Manufacturer) CERTIFICATE OF S	aprii SHOP INSPEC	n, material, construction 16 , 19 86 Signed WAGNER I	(Fjépresentative)	My
Ve certify that to the ASM U'' Certificate contents Oate Constructed, the undersigned	the states E Code for Author ed by ed, holdi	ments made if for Pressure No 1966 Co. nai	rich & Cio	CERTIFICATE OF S are correct and that all of the correct of the co	aprii SHOP INSPEC atat	n, material, construction 10 , 19 86 Signed MAGER I TION Zinsviller Fi nd Pressure Vessel Inspe	(Fjépresentative)	My
Ve certify that to the ASM U'' Certificate of the ASM Date January Vessel constructed, the undersigned	the states E Code for Author ed by ed, holdi	ments made if for Pressure No I Co. nate to Discount to the property of the pressure of the	in this report a /essels, Section 11718 me	CERTIFICATE OF S are correct and that all of VIII, Division 1. expires_ (Manufacturer) CERTIFICATE OF S are down and the service of the s	april SHOP INSPEC at ard of Boiler ar	n, material, construction 10, 19	(Ifferesentative)	Ayz State or Province
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Ve certify that to come to the ASM (U" Certificate constructed, the undersigned of the Constructed of the Co	the states E Code of Author A dead by ed, holding ork N	ments made if for Pressure Virization No Co. nation of the pressure virial control of the pressure virial vir	in this report a /essels, Section in the section in the section is section in the section is section in the section is section in the section in the section is section in the section in the section in the section is section in the	CERTIFICATE OF S are correct and that all of VIII, Division 1. expires_ (Manufacturer) CERTIFICATE OF S ued by the National Boarployed by	SHOP INSPECTATE AND ADDRESS AN	n, material, construction 10, 19	ctors and/or the s	State or Province Manufacturer's E has constructed
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Ve certify that to the ASM U'' Certificate of the undersigned of the	ed byed, holding or implificable in ar	ments made if for Pressure Verization No De Diet ing a valid column availed c	in this report a /essels, Section and em in this report a /essels, Section in this report a /essels, Section commission issued and em in this report a /essels, Section commission issued and em in this report a /essels, Section commission issued and em in this report a /essels, Section	CERTIFICATE OF Sare correct and that all of VIII, Division 1. expires_ (Manufacturer) CERTIFICATE OF Sare by the National Board by	SHOP INSPECTANT AND	Signed 19 60 Signe	described in this the Manufacturer ctor nor his emple tore, neither the liconnected with the wall Board, State, Province.	Manufacturer's E has constructed byer makes any value of the second of t
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Ve certify that to come to the ASM (U" Certificate of Date	ed by	ments made in for Pressure No Trization No Co. naid to ance with ASI ed, concerning manner for Signed assembly contribution No co. naid concerning manner for assembly contribution No Co. naid for Pressure No Co Co	in this report a vessels, Section in this report a	CERTIFICATE OF Sare correct and that all of VIII, Division 1. expires	SHOP INSPECTANT AND ASSEMBLY Conforms with the led assembly) ASSEMBLY Indicators with the led assembly in the less of a less	Signed 19 60 TION 2 19 60 TION 2 19 60 TO Pressure Vessel Insperituely knowledge and belief, tificate neither the Insperituely knowledge and the I	described in this the Manufacturer ctor nor his employered with the connected with the variable of the variab	State or Province Manufacturer's D has constructed over makes any v inspector nor his his Inspection. and No.) of the ASME Bo

psi. By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the pressure

_ Commissions _

vessel described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal

(Authorized Inspector)

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

Signed

Date_

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

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* 1	Manufactured &	ا	has said	no 1	, rame and addres					
. 1	Manufactured fo	r			(Name and addr	ess of purchaser)				
. 1	_ocation of insta	allation	Jones-	Hamilton	Company			Newark,	Califor	nia
					(Name an	d address)		7 8 8 0 - 2 8 9 0 8		
	I Abe	tical		33233 (Mfgr's serial No.)		N/A (CRN)	CL 800-065 (Drawing)	A 38	71 (Nat'l, Bd, No.)	1985 (Year built)
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	onstruction, an						cations of the A	ASME Boiler and	d Pressure Ves	ssel Code. The desig
	construction, and	a workmansing	o comorm to A	CONTE Traics, OC	ction vini, biv	131011 1		Year		
	Winter			N/A			N/A			
	Adde	enda (date)		Code Case No.				Special service per UG-	120(d)	
	6-11 incl. to be c		igle wall vessels,	and the second second				. 0 . 0		
5.	Shell:Sh Z	Matl. (Spec. No., Gr	rade)	25/64" Nom. Thk. (in.	.) N//	Allow. (in.)	ft. 7-1/2'	. I.D. (ft & in.)		ft. 10-15/32" (Length (Overall)(ft & in.)
,	Seams:	Welded, Db.	l. Butt	5457-u	Sr	oot	The State of the S	85		*
		Lo	ing. (Dbl., Sngl.)			R.T. (Spot or Full)	100 J 100 J 100	Eff. (%)		H.T. Temp. (F)
		* Time	Wel	ded, Dbl. E			Partial			2
		24	285 0	Gi	rtii (Dbi., Sngl.)		04 005	Spot, Partial, or Full)		No. of Courses
3.	Heads: (a) Matl.	SA	285 B/ (Spe	ec. No., Grade)		(b) Mat	i. SA 285		No., Grade)	
	Location (Top,	Minimum	Corrosion	Crown	Knuckle	Elliptical	Conical	Hemispherical	Flat	Side to Pressure
	Bottom, Ends)	Thickness	Allowance	Radius	Radius	Ratio	Apex Angle	Radius	Diameter	(Convex or Concave)
(a)	Top (25/64"	N/A Manie	31-1/2"	3-5/32"	N/A	N/A	N/A	N/A	Concave
(b)	Bottom	25/64"	N/A	31-1/2"	3-5/32"	N/A	N/A	N/A	N/A	Concave
	Type of Jacket	The second of th		see to		Proof Tes	t	<u>and a copial for all</u> About epit and than	If holt	od dosoviho ov skot
o. 1.	Jacket Closure _	N/A (Describe	e as ogee & weld, b	ax. temp	If bar, give dim	ensionsoF. M	lin, temp. (whe	en less than -20°		
0. 1.	Jacket Closure _	N/A (Describe O & F.V. ※※必补治、tes pr	e as ogee & weld, b	ax. temp	If bar, give dim	nensions	lin, temp. (whe	en less than -20°		
0. 1.	Jacket Closure _ MAWP 10 Hydro., p**eX;** 12 and 13 to be of Tubesheets:	N/A (Describe O & F.V. **********************************	e as ogee & weld, b psi at ma ess. the sections	ax. temp	If bar, give dim	nensionsoF. M	lin. temp. (whe		F) 1	4/4
0. 1.	Jacket Closure _ MAWP 10 Hydro., p**eX;** 12 and 13 to be of Tubesheets:	N/A (Describe O & F.V. ※※然形。tes pr	e as ogee & weld, b psi at ma ess. the sections	ax. temp	If bar, give dim	ensionsoF. M	lin. temp. (whe	en less than -20° Corr. Allow. (in.)	F) 1	
0. 1. ems	Jacket Closure _ MAWP 10 Hydro., p%&XX 12 and 13 to be of Tubesheets:	N/A (Describe O & F.V. **********************************	e as ogee & weld, b psi at ma ess. be sections pec. No., Gr.)	ax. temp	If bar, give dim	nensionsoF. M	lin. temp. (whe		F)	4/4
0. 1. ems 2.	Jacket Closure _ MAWP 10 Hydro., p********* 12 and 13 to be a Tubesheets:	N/A (Describe O & F.V. ****XYXb. tes pr completed for tu N/A Stationary Mail. (Spe Floating Mail. (Spe	psi at ma psi at ma ess. the sections pec. No., Gr.)	ax. temp. 110	If bar, give dim 500 ect to pressure)	Pensions OF. Mom. Thk. (iin. temp. (whe	Corr. Allow (in.)	F)	Al/A
0. 1. ems 2.	Jacket Closure _ MAWP 10 Hydro., p%exxx 12 and 13 to be of the control of the con	N/A (Describe O & F.V. ****XYXb. tes pr completed for tu N/A Stationary Mail. (Spe Floating Mail. (Spe	e as ogee & weld, b psi at ma ess. be sections pec. No., Gr.)	ax. temp. 110	If bar, give dim	Pensions OF. Mom. Thk. (lin. temp. (whe	Corr. Allow (in.)	F)	Al/A
0. 1. eins 2. 3.	Jacket Closure _ MAWP 10 Hydro., p%&X 12 and 13 to be of Tubesheets:	N/A (Describe O & F.V. ************************* Completed for tu N/A Stationary Matt. (Spendall (Spe	e as ogee & weld, b psi at ma ess. pec. No., Gr.) pec. No., Gr.)	ax. temp	o D (m)	Nom Thk (in.) in.) in.)	Corr. Allow (in.)	F)	AlfA
 1. ems 3. 	Jacket Closure _ MAWP 10 Hydro., p%exx. 12 and 13 to be of Tubesheets:	N/A (Describe O & F.V. **********************************	psi at ma psi at ma ess. the sections pec. No., Gr.) ec. No., Gr.)	ax. temp	on D (in)	Nom Thk (in.) in.) in.) Thk. (in. or Gauge	Corr. Allow (in.)	F)	AlfA
0. 1. ems 2. 3.	Jacket Closure _ MAWP 10 Hydro., p******** 12 and 13 to be a Tubesheets: Tubes: Tubes: 14-17 incl. to be Shell:	N/A (Describe O & F.V. **********************************	psi at ma psi at ma ess. the sections pec. No., Gr.) ec. No., Gr.)	Diam. (in.) (Subje	on D (in)	Nom Thk (Nom Thk (Nom Thk (in.) in.) in.) Thk. (in. or Gauge	Corr. Allow. (in.) Corr. Allow. (in.)	F)	Attach (Welded, Bolted) Attach Type (Straight or "U")
0. 1. ems 2. 3. ems 4.	Jacket Closure _ MAWP 10 Hydro., p%&X 12 and 13 to be of Tubesheets:	N/A (Describe O & F.V. **********************************	psi at ma psi at ma ess. the sections pec. No., Gr.) ec. No., Gr.)	Diam. (in.) (Subje	on D (in)	Nom Thk (Nom Thk (Nom Thk (in.) in.) in.) Thk. (in. or Gauge	Corr. Allow. (in.) Corr. Allow. (in.)	F)	Attach (Welded, Bolted) Attach Type (Straight or "U")
0. 1. ems 2. 3.	Jacket Closure _ MAWP 10 Hydro., p******** 12 and 13 to be a Tubesheets: Tubes: Tubes: 14-17 incl. to be Shell:	N/A (Describe O & F.V. **********************************	e as ogee & weld, b psi at ma ess. pec. No., Gr.) ec. No., Gr.) Spec. No., Gr.)	Diam. (in.) (Subject of jacketed vesse	oct to pressure) O D (in) els or channels o	Nom Thk (Nom Thk (Nom Thk (Nom Thk (in, temp, (whe	Corr. Allow (in.) Corr. Allow (in.) e) Number n I.D. (ft & in.) Eff.(%)	F)	Attach (Welded, Bolted) Attach. Type (Straight or "U") Length (Overall)(ft & in.) H.T. Temp. (F)
0. 11. 12. 13. 14. 15.	Jacket Closure _ MAWP 10 Hydro., p%&X,X 12 and 13 to be Tubesheets:	N/A (Describe O & F.V. **********************************	e as ogee & weld, b psi at ma ess. pec. No., Gr.) ec. No., Gr.) Spec. No., Gr.)	Diam. (in.) (Subject of jacketed vesse	on D (in)	Nom. Thk. (Nom.	in, temp, (whe	Corr. Allow (in.) Corr. Allow (in.) e) Number	F)	Attach (Welded, Bolted) Attach. Type (Straight or "U") Length (Overall)(ft & in.)
0. 1. ems 2. 3.	Jacket Closure _ MAWP 10 Hydro., p******** 12 and 13 to be a Tubesheets: Tubes: Tubes: 14-17 incl. to be Shell:	N/A (Describe O & F.V. **********************************	e as ogee & weld, b psi at ma ess. pbe sections pec. No., Gr.) pec. No., Gr.) proc. No., Gr.) proc. No., Gr.) proc. No., Gr.)	Diam. (in.) (Subject of jacketed vesse	oct to pressure) O D (in) els or channels o	Nom Thk (Nom Thk (Nom Thk (Nom Thk (in, temp, (whe	Corr. Allow (in.) Corr. Allow (in.) e) Number n I.D. (ft & in.) Eff.(%)	F)	Attach (Welded, Bolted) Attach Type (Straight or "U") Length (Overall)(ft & in.) H.T. Temp. (F)
0. 1. ems 2. 3.	Jacket Closure _ MAWP 10 Hydro., p%&X,X 12 and 13 to be Tubesheets:	N/A (Describe O & F.V. **********************************	e as ogee & weld, b psi at ma ess. pbe sections pec. No., Gr.) pec. No., Gr.) proc. No., Gr.) proc. No., Gr.) proc. No., Gr.)	Diam. (in.) (Subjected vesses Nom. Thk. (in.) Gir	oct to pressure) O D (in) els or channels o	Nom. Thk. (Nom.	in, temp, (whe	Corr. Allow. (in.) Corr. Allow. (in.) e) Number n I.D. (ft & in.) Eff.(%)	F)	Attach (Welded, Bolted) Attach Type (Straight or "U") Length (Overall)(ft & in.) H.T. Temp, (F)
0. 1. ems 2. 3. 5. 6.	Jacket Closure _ MAWP 10 Hydro., p***** 12 and 13 to be Tubesheets: Tubes: Tubes: Heads: (a) Matl. Location (Top.	N/A (Describe O & F.V. ****XYXD. tes pr completed for tu N/A Stationary Matl. (Spe N/A Matl. (Spe N/A Matl. (Spec. No., Gi N/A Time N/A Minimum	e as ogee & weld, b psi at ma ess. pec. No., Gr.) pec. No., Gr.) pec. No., Gr.) prade) (Spec. No., Sngl.) (Spec. No., Allowance	Diam. (in.) (Subject Diam. (in	oct to pressure) O D. (in.) els or channels o O Corr. th (Dbl., Sngl.)	Nom Thk (in.) in.) in.) S Diam R.T. (s	Corr. Allow. (in.) Corr. Allow. (in.) e) Number n I.D. (ft & in.) Eff.(%) Spot, Partial, or Full) (Spec. No., Gri	ade) Flat Diameter	Attach (Welded, Bolted) Attach Type (Straight or "U") Length (Overall)(ft & in.) H.T. Temp. (F) No. of Courses
0. 1. ems2. 3. ems4.	Jacket Closure _ MAWP 10 Hydro., p***** 12 and 13 to be Tubesheets: Tubes: Tubes: Heads: (a) Matl. Location (Top.	N/A (Describe O & F.V. ****XYXD. tes pr completed for tu N/A Stationary Matl. (Spe N/A Matl. (Spe N/A Matl. (Spec. No., Gi N/A Time N/A Minimum	psi at markers (spec. No., Gr.) Spec. No., Gr.) Spec. No., Gr.) mner chambers (spec. No., Gr.) (Spec. No., Gr.) (Spec. No., Gr.)	Diam. (in.) (Subjected vesses Nom. Thk. (in.) Giran. Crown Radius	oct to pressure) O D. (in.) els or channels o O Corr. th (Dbl., Sngl.)	Nom Thk (in.) in.) in.) S Diam R.T. (s	Corr. Allow. (in.) Corr. Allow. (in.) e) Number n I.D. (ft & in.) Eff.(%) Spot, Partial, or Full) (Spec. No., Gri	ade)	Attach (Welded, Bolted) Attach Type (Straight or "U") Length (Overall) (ft & in.) H.T. Temp. (F) No. of Courses

Purpose (Inlet, Outlet, Drain, etc.)	No.	Diam. or Size	Type		Matl.	Nom. Thk.	Reinforcement Matl.	How Attached	Location
Inlet	1	6"	Dbl.Butt G	irth SA	181-60	25/64"	None	Welded	N/A
Outlet 3000	1	12"	Dbl.Butt G	irth SA	181-60	25/64"	None	Welded	N/A
4) x	7 -	2.1			\			-16 1 4 4 2 1 3 4	
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Supports	Skirt I	5 li	ftings 0	Othor	4 side súpo	ort lugs	Welded on heads	24 - 1'n con	7.0
, bapports.	(Yes		o.) (No.))	(Describe)	Attached:		Vhere and how)	
Dilinatia M								can except	**************************************
				properly	identified and	signed by Com	nmissioned Inspectors hav	e been furnished	for the following
items of the	report:_		_N/A		(Name of part	, item number, mfgr's. r	name and identifying stamp)	9012	
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le certify that t	he field	assembly cor	nstruction of a	II parts of	this vessel con	forms with the	requirements of Section	VIII, Division 1 o	of the ASME Boil
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U" Certificate o	f Autho	rization No			expires				
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