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

1. M	nanuractured and der		idson i	Toducis	Corpo	ration,					ad, Bea ufacturer)	sley, T	exas	774	17					
2. N	Manufactured for	Sunoco	, Eagle	Point Re	finery /	Sulfola	ne U	nit., V		lle, N	J								NAME OF STREET	
3. L	ocation of installation	n Sun	oco., Eag	gle Point	Refinery	/ Sulf		•												
									ame and											
4.	Туре		Heat Exchanger J863-11A-L-1 (Tank, Separator, Jkt. Vessel, Heat Exh., etc.) (Mfg's Serial No.)																	
	(Hor	riz., Vert., or Sp							or, Jkt. \	/essel, F	eat Exh., e					(Mfg	s Serial No).)		
		N/					-Rev					275 (Nat'l. E					2009 (Year Built)	1		
5. A	ASME Code, Se			Section V	III Div 1		•				N	(Nat 1. E	u. Nu.	'		N	(Tear Built) /A	,		
• • •	Div.1	,			and Addend		(1100	' —-	_			ase No.)		-	Spec		per UG-12	O(d)		
ŀ	tems 6-11 incl. to be	completed for	single wall	vessels, jacl	ets of jacke	ted vessel:	s, shell	of heat	exchang	ers, or o	hamber of	multichamb	er vess	els.						
6. 5	Shell (a) No of	course(s):	1						(b) () Overall le	ngth (ft &	in.):			6-7/8" x 1	0-3/4"	x 6' 5"			
'HE	EADER	-1																		
Course(s)				Material		+	Thickness			Long. Joint (Cat. A				Circum. Joint (Cat. A, B					reatment	
No.		Length (ft. &	in.}	Spec./Grade		Nom		Corr.	Туре	Full, Spot, None		Eff.	Ту	·	Full, Spot, None	Eff.	Temp.		me	
N/	A N/A	N/A		N/A		N/A	1	N/A	N/A	1	RT4	** 100%	N,	A	N/A	N/A	1125°F.	1Hr2	4Min	
																	<u> </u>	L		
7. H	leads (a) SA	A-516,70		5 ± 25 °F.		. 24 Mi				b)	SA-516			5 ± 25		r. 24 M				
		(Mat'l	Spec. No., (Grade or Typ	e) (H.T.·Tim	(H.TTime & Temp.)				(Mat'l Spec. No., G				No., Gra	rade or Type) (H.TTime & Temp.)					
	Location (Top,	Th	ickness		Radius	Elli	ptical	al Conical			pherical	Flat		Side	to Pressure		Catego	ry A		
	Bottom, Ends)	Min.	Corr	. Crow	n Knucl	de R	atio	Apex	Angle	Ra	dius	Diameter	Co	nvex	Concave	Type	Full, Spot, N	lone	Eff.	
(a)	Top & Bottom		0.125	— ————			/A		/A		/A	FLAT		/8" x	6' 5"	N/A	N/A		N/A	
(b)	Ends	1/2"	0.125	" N/A	N/4	A N	I/A	N.	/A	N	/A	FLAT:	4-1	/8" x	0'9-1/2"	N/A	N/A		N/A	
	removable, bolts used Type of jacket N	describe other								•	. No., Gra	de, Size, No		s:Wel	ded-Corner Jo	oint				
		N/A							ouon	01 01000	<u>-17-1</u>		(D	escribe	as ogee & weld,			or ekat	ch	
	-	245		15												IT bolt	ea. aascrina			
9. N		z43 nternal)		13				250		20	:0 05	B.01					ed, describe			
10.		CHARPY I	- 11	external)	hai ar ina	ix. temp.		250	al)	25 lexte		Min. design	metal	temp.	0	°F at	ea, aescribe		psi.	
	,		-	external) TEST EXI)(f)	250 (interna	al)	25 (exte		Min. desigr	metal	•	O test temperature	°F at				
11.			-	TEST EXI		R UG-20	• /	(interna		-		Min. desigr	metal	•		°F at	24		psi.	
	Hydro., pneu., or con	nb. test press.	MPACT	TEST EXI	EMPT PEI	R UG-20	• /	(interna		(exte		Min. desigr	ı metal	•		°F at	24		psi.	
lte	Hydro., pneu., or con ams 12 and 13 to be o	•	MPACT Hydro	TEST EXI (Indicate ye ostatic	EMPT PEIs or no and t	R UG-20	• /	(interna	tested)	(exte		Min. desigr	ı metal	•		°F at	24		psi.	
	oms 12 and 13 to be of Tubesheet:	completed for t SA-516, 70	MPACT Hydroube section	TEST EXI	EMPT PEIs or no and t	R UG-20 he campoi	• /	(interna	tested) pof test	(exte		Min. desigr	o"	•		°F at _	24	.5	psi.	
	oms 12 and 13 to be of Tubesheet: S	completed for t	MPACT Hydroube section	TEST EXE (Indicate ye ostatic) is. [Dia.	EMPT PEI s or no and t 319	R UG-20 he campoi x 6' 5"	nent(s)	impact Pro	tested) pof test 1-: (Nom.	(exte	rnal)	(Corr		at	test temperature	°F at _ of	N/A N/A Welded	.5	psi. °F.	
12. 1	oms 12 and 13 to be of Tubesheet: S [Stational N/A	completed for t SA-516, 70 ary (Mat'l Spec	MPACT Hydroube section	TEST EXI (Indicate ye ostatic is. [Dia. N/A	EMPT PEI s or no and t 319	R UG-20 he campoi x 6' 5"	nent(s)	impact Pro	tested) oof test 1-1	N/A	rnal)	(Corr N/A	O'' r. Allow	at	test temperature	°F atof	24 N/A Welded nt (welded o	.5	psi. °F.	
12. 1	ems 12 and 13 to be of Tubesheet: 5 [Stationa N/A Floating (Mat'l Spec.	completed for t SA-516, 70 ary (Mat'l Spec	MPACT Hydroube section	TEST EXE (Indicate ye ostatic) is. [Dia.	EMPT PEI s or no and t 319 10-3/4";	R UG-20 he campoi x 6' 5"	nent(s)	impact Pro	tested) pof test 1-: (Nom.	(exte	rnal)	(Corr	O'' r. Allow	at u., in.)	test temperature	°F atof	24 N/A Welded nt (welded of /A hment)	5 I	psi. °F.	
12. 1	oms 12 and 13 to be of Tubesheet: 5 [Stationa N/A Floating (Mat'l Spec.	completed for t SA-516, 70 ary (Mat'l Spec No.)]	MPACT Hydroube section No.)]	(Indicate ye ostatic is. [Dia. N/A (Dia., in.)	EMPT PEI s or no end t 319 10-3/4"; , in. (subject	R UG-20 he campoi x 6' 5"	nent(s)	impact Pro N/A n. thk., i	tested) oof test 1-(Nom. in.)	(extended) N/A 1/4" thk., in.	rnal)	(Corr N/A	0" r. Allow in.)	at , in.) 8	test temperature	ofAttachme	N/A Welded nt (welded of /A hment) Straig	5 I or bolted	psi°F.	
12. 1	rus 12 and 13 to be of Tubesheet: \$\frac{5}{2}\$ [Stationa N/A] Floating (Mat'l Spec. Tubes: (Mat'l Spec.)	completed for to SA-516, 70 ary (Mat'l Spec No.)] SA-214 ac. No., Grade	Hydro Hydro ube section No.)]	(Indicate ye ostatic is. [Dia. N/A (Dia., in.)	EMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" 1.D., in.)	x 6' 5"	nent(s)	impact Pro N/A n. thk., i .120 Nom. th	tested) pof test 1-: (Nom. in.) D'' AW k., in. or	N/A 1/4" thk., in.)	rnal)	(Corr N/A	O'' r. Allow	at , in.) 8	test temperature	ofAttachme	24 N/A Welded nt (welded of /A hment)	5 I or bolted	psi°F.	
12. 1 [[13. 1	rus 12 and 13 to be of Tubesheet: S (Stationa N/A) Floating (Mat'l Spec. Tubes: (Mat'l Spec Items 14-18 incl. 1	completed for to SA-516, 70 and (Mat'l Spec No) SA-214 sc. No., Grade to be complete	Hydro Hydro ube section No.)]	(Indicate ye ostatic is. [Dia. N/A (Dia., in.)	EMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" 1.D., in.)	x 6' 5"	nent(s)	impact Pro N/A n. thk., i .120 Nom. th	tested) oof test (Nom. in.) O'' AW k., in. or exchange	N/A 1/4" thk., in.) gauge)	rnal)	(Corr N/A orr. Allow.,	0" r. Allow in.)	at , in.) 8	test temperature	ofAttachme	N/A Welded nt (welded of /A hment) Straig	5 I or bolted	psi°F.	
12. 1 [[13. 1	rubesheet: Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec. Items 14-18 incl. 1 Shell (a) No. of Cours	completed for to SA-516, 70 ary (Mat'l Spec No.)] SA-214 acc. No., Grade to be complete se(s): N/A	Hydro Hydro ube section No.)]	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.)	EMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" D.D., in.) jacketed ves	x 6' 5"	(Nor	impact Pro N/A n. thk., i .120 Nom. thi	tested) cof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove	N/A 1/4" thk., in.) gauge)	(Co	(Corr N/A orr. Allow.,	0" r. Allow in.)	at, in.) 8	test temperature	°F at ofAttachmeN(Attac	N/A Welded It (welded of /A hment) Straig Yype (Straigh	or bolted	psi°F.	
12. 1 [l 13. 1	rubesheet: S [Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec. Items 14-18 incl. 1 Shell (a) No. of Course	completed for the SA-516, 70 and [Mat'l Spectors] SA-214 sec. No., Grade to be completed to be completed to sec. [No./A]	Hydroube section No.]] or Type) d for inner of	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.)	EMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" J.D., in.) jacketed ves	x 6' 5"	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) cof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove	N/A 1/4" thk., in.) gauge) ers. rall lenge	rnal) (Co - h (ft & in.) Long, Join	(Corr. N/A orr. Allow.,	O" r. Allow in.) 16 (Num	at, in.) 8 ber)	test temperature	of Attachme N (Attac	N/A Welded ont (welded of /A hment) Straig ype (Straig)	or boltec	psi. °F.	
12. 1 [[13. 1	rubesheet: S [Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec. Items 14-18 incl. 1 Shell (a) No. of Course	completed for to SA-516, 70 ary (Mat'l Spec No.)] SA-214 acc. No., Grade to be complete se(s): N/A	Hydroube section No.]] or Type) d for inner of	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.)	EMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" D.D., in.) jacketed ves	x 6' 5"	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) cof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove	N/A 1/4" thk., in.) gauge)	(Co	(Corr. N/A orr. Allow.,	0" r. Allow in.)	at, in.) 8	test temperature	of Attachme N (Attac	N/A Welded It (welded of /A hment) Straig Yype (Straigh	or boltec	psi°F.	
12. 1 [l 13. 1	rubesheet: S [Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec. Items 14-18 incl. 1 Shell (a) No. of Course	completed for to SA-516, 70 any (Mat'l Spec No)] SA-214 sec. No Grade to be complete (Se(s): N/A	Hydroube section No.]] or Type) d for inner of	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.)	EMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" J.D., in.) jacketed ves	x 6' 5"	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) cof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove	N/A 1/4" thk., in.) gauge) ers. rall lenge	rnal) (Co - h (ft & in.) Long, Join	(Corr. N/A orr. Allow.,	O" r. Allow in.) 16 (Num	at, in.) 8 ber)	test temperature	of Attachme N (Attac	N/A Welded ont (welded of /A hment) Straig ype (Straig)	or boltec	psi. °F.	
12. 1	rubesheet: S [Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec. Items 14-18 incl. 1 Shell (a) No. of Course	completed for to SA-516, 70 ary (Mat'l Spec No.)] SA-214 ec. No., Grade to be complete se(s): N/A (s) Length (ft.& in	Hydroube section No.]] or Type) d for inner o	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.) (Chambers of	EMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" D.D., in.) jacketed ves aterial ade or Type	x 6' 5" to press.)	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat of	tested) cof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove	N/A 1/4" thk., in.) gauge) ers. rall lenge	(Ci h (ft & in.) Long, Join Full, Spot	(Corr. N/A prr. Allow.,	O" r. Allow in.) 16 (Numl	at at in.) 8 Cin Type	test temperature	of Attachme N (Attac	N/A Welded ont (welded of /A hment) Straig ype (Straig)	or boltec	psi. °F.	
12. 1	rubesheet: Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec) Items 14-18 incl. 1 Shell (a) No. of Course Diameter, in. Heads: (a) N/A	completed for to SA-516, 70 ary (Mat'l Spectors, No.)] SA-214 ac. No., Grade to be complete se(s): N/A (s) Length (ft.& in	MPACT Hydro ube section No.)] or Type) d for inner of	TEST EXI (Indicate ye ostatic is. [Dia. N/A (Dia., in.) (Chambers of Spec./Green is spec./Green	SMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" D.D., in.) jacketed ves aterial ade or Type	x 6' 5" to press.)	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) oof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove ess Corr.	N/A 1/4" thk., in.] gauge) ers. rall leng	rnal) (Co	(Corr. N/A orr. Allow.,	O" r. Allow in.) 16 (Numl	at at, in.) 8 ber) Cit	cum. Joint (Cat. Full, Spot, No	of Attachme N (Attac	Velded nt (welded of /A hment) Straig ype (Straig) He ff. Tem	L or bolted	psi. °F.	
12. 1 [II 13. 1 14. 5	rubesheet: Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec) Items 14-18 incl. 1 Shell (a) No. of Course Diameter, in. Heads: (a) N/A Location (Top,	completed for to SA-516, 70 SA-516, 70 Ary (Mat'l Spectors, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16	Hydroube section No.)] or Type) d for inner of No., Grade ss	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.) (Chambers of Machambers of Ma	EMPT PEI s or no and t 319 10-3/4" , in. (subject 1" D.D., in.) jacketed ves eterial ade or Type	x 6' 5" to press.) sels or cha	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) oof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove ess Corr. (b)	N/A 1/4" thk., in.] gauge) ers. rall lenge	(Co - h (ft & in.) Long. Join Full, Spot	(Corr. N/A orr. Allow., t (Cat. A) , None Mat'l Spec.	O" r. Allow in.) 16 (Num	at a	cum. Joint (Cat. Full, Spot, No Type) (H.TTime	of Attachme N (Attach (Attach T A, B, & C ne E	Velded Int (welded of /A Internal of Mannert) Straig Straig He Internal of Mannert Straig Categor	L or bolted	psi. °F. tment Time	
12. 1 [I 13.] 14. §	rubesheet: Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec) Items 14-18 incl. 1 Shell (a) No. of Course Diameter, in. Heads: (a) N/A	completed for to SA-516, 70 ary (Mat'l Spectors, No.)] SA-214 ac. No., Grade to be complete se(s): N/A (s) Length (ft.& in	MPACT Hydro ube section No.)] or Type) d for inner of	TEST EXI (Indicate ye ostatic is. [Dia. N/A (Dia., in.) (Chambers of Spec./Green is spec./Green	SMPT PEI s or no and t 319 10-3/4"; , in. (subject 1" D.D., in.) jacketed ves aterial ade or Type	x 6' 5" to press.)	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) oof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove ess Corr. (b)	N/A 1/4" thk., in.] gauge) ers. rall lenge	rnal) (Co	(Corr. N/A orr. Allow.,	O" r. Allow in.) 16 (Num	at at, in.) 8 ber) Cit	cum. Joint (Cat. Full, Spot, No	of Attachme N (Attac	Velded nt (welded of /A hment) Straig ype (Straig) He ff. Tem	L or bolted	psi. °F.	
12. 1 [1 13.] 14. :	rubesheet: Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec) Items 14-18 incl. 1 Shell (a) No. of Course Diameter, in. Heads: (a) N/A Location (Top,	completed for to SA-516, 70 SA-516, 70 Ary (Mat'l Spectors, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16	Hydroube section No.)] or Type) d for inner of No., Grade ss	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.) (Chambers of Machambers of Ma	EMPT PEI s or no and t 319 10-3/4" , in. (subject 1" D.D., in.) jacketed ves eterial ade or Type	x 6' 5" to press.) sels or cha	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) oof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove ess Corr. (b)	N/A 1/4" thk., in.] gauge) ers. rall lenge	(Co - h (ft & in.) Long. Join Full, Spot	(Corr. N/A orr. Allow., t (Cat. A) , None Mat'l Spec.	O" r. Allow in.) 16 (Num	at a	cum. Joint (Cat. Full, Spot, No Type) (H.TTime	of Attachme N (Attach (Attach T A, B, & C ne E	Velded Int (welded of /A Internal of Mannert) Straig Straig He Internal of Mannert Straig Categor	L or bolted	psi. °F. tment Time	
12. 1 [I 13. 1 14. 5 No.	rubesheet: Stationa N/A Floating (Mat'l Spec. Tubes: (Mat'l Spec) Items 14-18 incl. 1 Shell (a) No. of Course Diameter, in. Heads: (a) N/A Location (Top,	completed for to SA-516, 70 SA-516, 70 Ary (Mat'l Spectors, 16, 16, 16, 16, 16, 16, 16, 16, 16, 16	Hydroube section No.)] or Type) d for inner of No., Grade ss	TEST EXE (Indicate ye ostatic is. [Dia. N/A (Dia., in.) (Chambers of Machambers of Ma	EMPT PEI s or no and t 319 10-3/4" , in. (subject 1" D.D., in.) jacketed ves eterial ade or Type	x 6' 5" to press.) sels or cha	(Nor	impact Pro N/A n. thk., i .120 Nom. thi of heat o	tested) oof test 1-(Nom. in.))" AW k., in. or exchange (b) Ove ess Corr. (b)	N/A 1/4" thk., in.] gauge) ers. rall lenge	(Co - h (ft & in.) Long. Join Full, Spot	(Corr. N/A orr. Allow., t (Cat. A) , None Mat'l Spec.	O" r. Allow in.) 16 (Num	at a	cum. Joint (Cat. Full, Spot, No Type) (H.TTime	of Attachme N (Attach (Attach T A, B, & C ne E	Velded Int (welded of /A Internal of Mannert) Straig Straig He Internal of Mannert Straig Categor	L or bolted	psi. °F. tment Time	

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

FORM U-1 (Back)

16. MAWP	N/A		ps	i at max. temp.		°F. N	fin. desian	metal temp.	°F at		psi.
(ir	iterna	I) (e	external)	(intern	al) (exter						pon
17. Impact test N	/A							at test temperature of			°F.
· · · · · · · · · · · · · · · · · · ·				(Indicate ye	es or no and the co	omponent(s) imp					- ''
18. Hydro.,pneu.,or c	omb. 1	test press. $\frac{N}{}$	/A		Proof test	N/A					
19. Nazzles, inspectio	n, an	d safety valve op	enings: No Safety	Valve Outlets Per UG-125							
Purpose (Inlet,	T	Diameter or	Flange	Materia	al	Nozzle T	hickness	Reinforcement	How At	ached	Location
Outlet, Drain, etc.)	No.	Size	Туре	Nozzle	Flange	Nom.	Corr.	Material	Nozzle	Flange	(Insp. Open)
Inlet & Outlet	2	6"150#	R.F.W.N.	SA-105		Sch. 80		None	W/W		
	2	6" HPC	TRANS	SA-234,WPBS9		Sch. 80		None	W		ļ
Vent & Drain	1	3"150#	R.F.L.W.N.	SA-105				NI	TA7		-
Vent & Diam	1	3 130#	N.F.L.VV.IV.	5A-105				None	W		
					<u> </u>						
	<u> </u>	N.T.									
20. Supports: Skirt			.ugs	Legs	Others			Att	ached		
21 Manufacturor's E		s or No)	(No.)	(No.) signed by Commissioned Ins	anaatara haya haa	(Desci		a itama af tha unusut.		(Where & How	1)
			g's. name and identify		spectors have bee	n turnisnea tor	the followin	ng items of the report:			
22. Remarks: * Two Rect.	Hea	aders : Inlet	& Outlet Head	ders : 6-7/8" x 10-3	3/4" x 6'5" E	lach					
				Item No. SUE-			Rear#	2			
				'5" x 34' 11" Long				sure 225/FV PSI	G @ 250°F		
Spot X-R				- NOT 11 2018			~	Conforms To A		ara 13-5	
	,								pperium 10, 1		
We certify that the s he ASME Code for P U Certificate of Auti	ressur	e Vessels, Section	on VIII, Division 1.	CERTIFICAT nd that all details of design, Expires	, material, constru _			this vessel conform to		_	
								(,		ر ر	^ ′
Date 4-8-	09	Name _	H	udson Products Co	orporation		Sign	ed force	uli S	Keul	
				(Manufacturer)				ــــــــــــــــــــــــــــــــــــــ	(Representative)		
l. the undersigned. I	oldina	a valid commiss	sion issued by the Nati	CERTIFICA ional Board of Boiler and P				r Province of	Texas		
and employed by		,		SB CT	100001 1110	of	ino otato o	Hartford, Con		have insurated	
										have inspected	
Manufacturer has control expressed or implied injury or property dates	onstru I, cond mage	cted this pressur cerning the press or a loss of any	ure vessel described in kind arising form or co	e with ASME Code, Section this Manufacturer's Data proceed with this inspection.	n VIII, Division 1. Report. Furtherm on.	By signing this	certificate i	that, to the best of my neither the Inspector no nor his employer shall bo	r his employer makes	any warranty,	ial
Date 4-8-7	200	9 Sinned	Bunnels	e Country		Commissions		NAT'L. BD.#	11617A TX#	1499	
Butto		oigneu_	()	Authorized Inspector)				(Nat'l Board incl. Endor			
				ERTIFICATE OF	FIELD ASSI	EMBLY CO			domain, Otato, 11011	100 0110 160.)	
We certify that the s	taten	nents on this repo		t the field assembly constr					ASME		
Code, Section VIII, D	ivisio	n 1. U Certific	ate of Authorization N	lo	Expir	es					
Date											
		Mairie		Assembler)	oigned			(Represen	tativel		
<u> </u>				ERTIFICATE OF	FIELD ASS	EMBLY IN	ISPECT		tative)		
I, the undersigned, h and employed by	olding		ion issued by the Nati	onal Board of Boiler and Pi	ressure Vessel Ins	pectors and/or	the State o				
have compared the	staten			ort with the described pres					<u>-</u>		
not included in the c	ertific	ate of shop insp	ection, have been insp	ected by me and to the be	st of my knowledg	e belief, the M	anufacturer	has constructed and as	ssembled th <mark>is press</mark> ur	e vessel in	
				ibed vessel was inspected					signing this certificate		
Inspector nor his em				implied, concerning the pre					nore, neither the Insp	ector nor his er	nployer
shall be liable in any	mann			famage or a loss of any kin	d arising from or o			tion.			
Date		Signed	(A			Commissions					<u>-</u>
			{A	uthorized Inspector)			(Nat'l Board incl. Endors	ement, State, Provin	ce and No.)	