			FO	RM U-1 MANUF	ACTURER	'S DATA	REPOR	TFC	R PRESSUR	E VESS	ELS						
			As Require	ed by the Provisions	of the ASM	E Boiler an	d Pressu	re Ve	ssel Code Rules	, Section	VIII, Di	vision 1					
1. N	/lanufactured an	d certified by	Alfa Lava	ıl Inc., 5400 Inte	ernational	Trade D	rive, R	ichm	nond, Virgini	a, 2323	1					_	
2. N	Manufactured for	MISSISSIF	PI POWE	R COMPANY,	РО ВОХ 8	(330727, E	Name an	d add	Iress of Manufac IM, 35283	cturer)							
3 1	ocation of inetal	lation Kemp	er Count	y IGCC Genera	ting Facil				of Purchaser) 93. De Kalb.	39328						_	
		iation <u>recorp</u>	0. 000	, 1000 001101			(Nan	ne and	d address)							_	
4. T	ype (Horizoni	Vertical tal, vertical, or s	phere)		P Tank, separa	late Heat E ator, ikt. ve			n., etc.)			301 (Manufactur	13-887 er's seri			_	
	`		,	,		113-88709			,		3160			,	012		
•		N/A (CRN)	(Drawing number)						(National Board number)					(Year built)			
5.	ASME Code, Se	ection VIII, Div		2010/ A11 Edition and Addenda (date) Code							al Servi	N/A rvice per UG-120(d)					
	Items 6-11 incl.	to be comple	ted for sin	gle wall vessels,	,	,	essels.	shell				•		•	` ,		
6. S	hell: (a) Numbe	•			(b) Overa		,			0'							
Course(s)				Material	Thickness			Long. Joint (Cat. A)			Circum. Joint (Cat. A, B, &			C) Heat Treatment			
No.	Diameter	Length	Spec	./Grade or Type	Nom.			•••	Full, Spot, None			III, Spot, None	_	Temp.	Tim		
	N/A	N/A		N/A	N/A	N	I/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	
7. I	Heads: (a)	Astorial anna n		516-70 e or type) (H.T tir	no and tomn			(b		al anna	numbor	SA-516-70 grade or typ) ^\	time and	tomn \		
	Location (Top.	Thickne		Radius			Conical	Apex	Hemispherical	Flat		o Pressure	C) (11.1.	Category			
	Bottom, Ends)	Min.	Corr.	Crown	Knuckle	Ratio	Angl		Radius	Diamete		ex Concave	Туре	Full, Spo		Eff.	
(a)	Fixed	4.33"	0"	N/A	N/A	N/A	N/A			127" X 40			N/A	N/		N/A	
(b)	Movable	3.54"	0"	N/A	N/A	N/A	N/A	١	N/A	127" X 40	6"		N/A	N/	4	N/A	
If re	emovable, bolts	used (describ	e other fas	stening)					3-B7 (24) 1.89"	•							
									ial spec. number								
8. Ty	ype of jacket			N/A			Ja	cket	closure		(Describ	N/A	weld b	ar etc.)			
If	bar, give dimens	sions				N/	/A				(=	or are against	If bol	ted, describ	e or ske	etch.	
9. MAWP 185 psi N/A		at max. temp.	o150 °F			N/A Min. design metal temp.					_ !0 °F	at	at <u>185 psi</u>				
	(Inter	mal)	(External)		(Interr	,	,	ernal)		- \		-44-	-4.4		£ N/		
10. 11	mpact test		ио (шра	act Exemption U (Indicate yes or						3)		at te	si tem	perature o	f N/	<u> </u>	
1. H	ydro., pneu., or co	mb. test pressui	re	241 psi	Proof tes	st					N/A						
	tems 12 and 13	to be complet		e sections.													
12. 1	ubesheet	N/A (Stationary (material spec		ec. no.))	(Diameter (N/A iameter (subject to press.))		N/A (Nominal thickness)		N/A (Corr. allow.) Att			Attach	N/A tachment (welded or bolted			
				N/A				N/A			A		N/A				
(Floating (material spec. no.)				c. no.))	(Diameter)			(Nominal thickness)			(Corr. allow.)			(Attachment)			
(Material spec. no., grade or type)				or type)	N/A (O. D.)				N/A (Nominal thickness)			N/A (Number)			N/A (Type (Straight or U))		
,	Items 14-18 incl			er chambers of ja		,	hannels	•		,	((-	, po (o a.g	0. 0,,	,	
	Shell: (a) Numbe	•	N/A	or onamboro or je		all length		01110	N/A	·							
Course(s)			Material		Thickness Nom. Corr.			Long. Joint (Cat. A									
No.	Diameter N/A	Length N/A	Spec	./Grade or Type	Nom.		orr.	Type N/A	Full, Spot, None		ype Fu N/A	N/A	Eff.	Temp.	Tim N/A		
	IVA	1 17/4		INO	IN/A	"	4 /Λ	WA	14/74	14/74	4174	NA	IV/A	MA	IN/F		
15. l	Heads: (a)		ı	N/A				(b				N/A					
			umber, grad	e or type) (H.T tir			1		(Materi			grade or typ	e) (H.T.				
	Location (Top, Bottom, Ends)	Thickne Min.	ess Corr.	Radius Crown	Knuckle	Elliptical Ratio	Conical Angl		Hemispherical Radius	Flat Diamete		o Pressure	Туре	Category Full, Spo		Fff	

N/A If removable, bolts used (describe other fastening)

N/A

N/A

N/A

N/A

N/A

(a)

N/A

N/A

N/A

(Material spec. number, grade, size, number)

N/A

N/A

N/A

N/A

					г	JKIVI U-1 (DA	(CK)				N	B Number 31601
16. MAWP	N/A	al)	N/A (External)	_ at max. ter	mp. N	/A ernal)	N/A (External)	Min.	design metal ten	np !	N/A	at <u>N/A</u>
17. Impact	test					N/A				at t	est tempera	ature of N/A
					s or no and th			ested]				
18. Hydro.	, pneu., or	comb.	. test pressur	e	N/A	Pi	roof test			N/A		
19. Nozzle:	s, inspection	n, and	safety valve o	penings:								1
	Purpose (Inlet, Outlet, Drain, etc.) No. Diameter or Type Nozzle F							hickness	Reinforcement Material	Attachm Nozzle	ent Details	Location (Insp. Oper
Inle		2	14"	STUDS	SA193-B7	Flange	Nom.	Corr.	Material	INOZZIE	Flange	
Out		2	14"	STUDS	SA193-B7		1"					
20. Suppor 21. Manufacturer N/A 22. Remarks	urer's Partial		no) (N	umber)	egs N/A (Numbered by Commission				e following items of			
MPC178									L88"; Custom			
PRESSÚRI		ODE, S	ection VIII, Divis		t all details of d cate of Authoriz		, construction,	and workn	nanship of this ves	sel conform t July 5,		BOILER AND
Date	01/23/201		Nam <u>e</u>			ufacturer)			Signed	-RIM	Represe a	tive)
and employ Janua PRESSURI the pressur	ved by <u>One</u> ary 23, 2012 E VESSEL C re vessel des	Beacon , and CODE, S scribed in loss of an	America Insurar nd state that, to section VIII, Divis	nce Co. of Lynn the best of my sion 1. By signi irer's Data Rep om or connecte	lational Board on, MA knowledge and ing this certifica ort. Furthermor	belief, the Man te neither the Ir re, neither the Ir	essure Vessel have ins nufacturer has nspector nor h	Inspectors pected the constructe iis/her emplais/her	d this pressure ves oyer makes any w loyer shall be liable	escribed in the sel in accord arranty, express in any mann 0803A, VA9	is Manufactu lance with AS essed or impl ner for any pe	ersonal injury or
We certify t	that the state	ments n	nade in this repo DE, Section VIII	ort are correct a	TIFICATE O and that the field Certificate of Au	assembly cons	struction of all		NCE s vessel conforms Expi		uirements of A	ASME BOILER
Date			Name		(Asser	mbler)			Signed		(Represen	tative)
have comp has constr inspected implied, co	yed by pared the star- ucted and as and subjected procerning the	ssembled to a hy	in this Manufac , not included this pressure sydrostatic test o	eturer's Data Re uded in the cert vessel in accord f	eport with the de tificate of shop in dance with the A By sign of acturer's Data	of Boiler and Prescribed pressures prection, have ASME BOILER gning this certificate Report. Furth	ressure Vesse of of ire vessel and be been inspect AND PRESSI icate neither the remore, neith-	state that pated by me a URE VESS he Inspector	ON s and/or the State of parts referred to as and to the best of n EL CODE, Section or nor his/her emplo ector nor his/her en	data items _ ny knowledge VIII, Divisior oyer makes a	e and belief, to 1. The description	cribed vessel was expressed or
-	,, pp	-	-		horized Inspe		Commissions	S[Nation	al Board (incl. end	orsements), S	State, Provinc	ce, and number]
1482438			exe: v5.0.3	Qua	lity —							II1_12

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