LOCATION		BLDG NO.	BOILER NO.	DATE		
		A-1	50 18 50 17 DEC			
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NO. 2 SET	OPEN		CLOSE			
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EXCESS STEAM TEMP. C/O OK			A/L			
HI CIL TEMP. C/O	·		A/L			
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LO OIL TEMP. C/O	and the start is a		A/L			
LO OIL PRESS. C/O			A/L			
LO ATOM AIR/STEAM C/O OK	LIA LIGA	7.	A/L			
NO. 1 LW C/O OK 1/2" ABO	UN BOTTOM OF	GLASS.	A/L			
NO. 2 LN C/O CUT OUT BELO			A/L			
COMBUSTION AIR	LID LIGHT	-	A/L			
LO FIRE START C/O pk - REM			A/L			
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LOW FIRE KOLD SWITCH		and the second				
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3. LOOK IN 90° ELL /"						
H. AUX - WHTER FORDER M			WATER, LEU	al.		

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SEC. II 3.28-3.02

PROGRAMER CONTROL - FIREYE - TYPE 70010

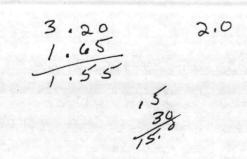
FEED PUMP ON AT 11/8" FROM BOTTOM OF GLASS

Boiler STARTS BACK UP & 8 PSI & FIRE COME ON @ 5 PSI

SIV IST TRY POP AT 16.5 CHATTER & HANG UP DOWN TO 14.2 PSZ

Сомвиятин ЦГАВ 02 - . 9.0 CO2 - 8.8 Гарр- 248 MED FIRE - 02 - 8.5 COZ Hi.FIRE -

99927 9. 02561 0.9.65 3.2



23 DEC-86

FUEL OIL USED LO-FIRE .34×30 = 10,2 GPH HI-FIRE 1.07×30 = GPH.

TESTED AUX WATCH FEEDER SECR TO BE SATISFACTORY BUT COULD NOT WASTE ENOULD STAAN TO KEEP BOILEN ON HI- FIRE.

7.05-7.07

W85

water. Foaming can sometimes be cured by blowing the boiler down, draining 2 or 3 in., then refilling a few times. In persistent cases, it may be necessary to take the boiler out of service, drain, and wash out thoroughly as described for a new steam boiler installation, then refill, and put back into service.

F. Abnormal Water Losses. Where water losses from a steam boiler become abnormal, as indicated by the requirement of large amounts of manually fed make-up, an investigation should be made immediately to determine the cause. Boilers operated with automatic water feeders requiring an increase in water treatment should be investigated immediately for cause of loss of water. Proper repair or replacement of parts should be made at once rather than to increase the water treatment to protect the system due to excessive raw water make-up. If the operator cannot determine the cause of the water loss, a competent contractor should be contacted.

G. Make-Up Water. When water make-up is needed and neither the boiler or the condensate tank is equipped with an automatic water feeder, manually add water to the steam boiler.

(1) Use every practical means for excluding oxygen from the boiler water. One source of oxygen is make-up water; therefore, hold make-up to a minimum. If the boiler loses more than 3 in. of water per month, this indicates there probably is a leak in some part of the system. The leak should be found and corrected.

(2) If the system includes a pump for returning condensate or adding feedwater, be certain that the air vent at the receiver is operating properly.

(3) If large quantities of feedwater are required, deaerating equipment is recommended to remove dissolved gases, thereby reducing oxygen corrosion.

H. Low-Water Cutoff. Check the operation of the low-water cutoff, pump control, and the water feeder if one is installed. Follow the instructions on the tag or plate, attached to each control, to blow down the control regularly as recommended by the manufacturer.

Periodically, the low-water cutoff may be tested under actual operating conditions. With the burner operating and the boiler steaming at proper water level, close all the valves in the feedwater and condensate return lines so the boiler will not receive any replacement water. Then carefully observe the waterline to determine where the cutoff switch stops the burner in relation to the lowest permissible waterline established by the boiler manufacturer.

If the burner cutoff level is not at, or slightly above,

A-1 #50

the lowest permissible waterline, in a new installation the low-water cutoff should be moved to the proper elevation, or in an existing installation it should be serviced, repaired, or replaced if necessary.

7.06 REMOVAL OF BOILER FROM SERVICE

A. Procedure. When a steaming boiler is to be taken out of service at the end of the heating season or for repairs, proceed as follows.

(1) While maintaining boiler water temperature (180 to 200°F), drain off boiler water from bottom drain until it runs clear.

(2) Refill to top of gage glass, and add sufficient water treatment compound to bring the treatment up to strength.

(3) When all the dissolved gases are released (approximately 1 hr), shut down the firing equipment by disconnecting the main switch.

(4) For treatment of laid-up boilers, see 9.11D.

B. Cleaning. When the boiler is cool, clean the tubes and other fire side heating surfaces thoroughly, and scrape the surfaces down to clean metal. Clean the smokeboxes and other areas where soot or scale may accumulate. Soot is not corrosive when it is perfectly dry, but can be very corrosive when it is damp. For this reason, it is necessary to remove all the soot from a boiler at the beginning of the nonoperating season, or any extended nonfiring period.

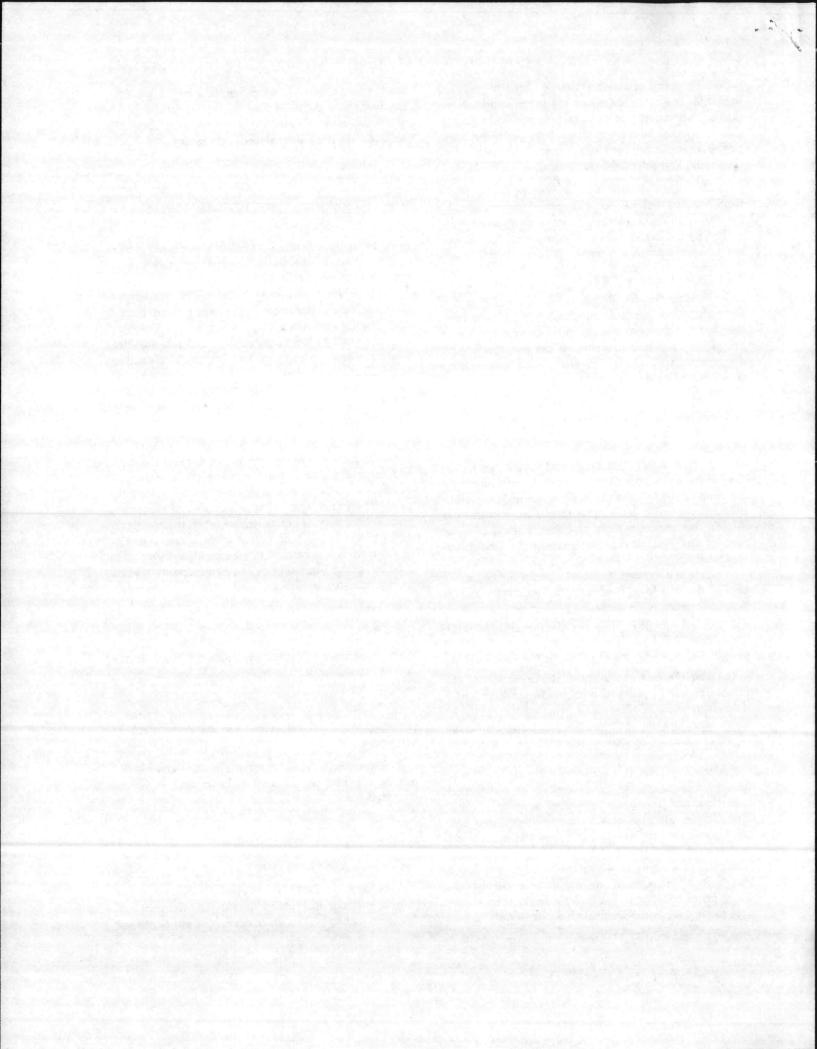
C. Protection Against Corrosion. Swab the fire side heating surfaces with neutral mineral oil to protect against corrosion. If the boiler room is damp, place a tray of calcium chloride or unslaked lime in the combustion chamber and replace the chemical when it becomes mushy.

D. Water Level. Drain a steam boiler back to normal water level before putting the boiler back in service.

E. Periodic Checks. Check the boiler occasionally during the idle period and make certain it is not corroded.

7.07 MAINTENANCE

A. Cleaning. Clean the boiler tubes and other heating surfaces whenever required. The frequency of the cleaning can best be determined by trial. A general



H-1 #50

Stone Johnston Corporation 300 Pine Street, Ferrysburg, MI 49409 Telephone: (616) 842-5050 / Telex 228-406 / Fax (616) 846-6380

December 19, 1986

Mr. Paul Plybon Combustion System Sales 1421 Westover Terrace P.O. Box 29178 Greensboro, North Carolina 27408

Reference: Cutoff points of low water and auxiliary low water cutoff.

Dear Paul:

As per our phone conversation of December 18, this letter confirms that the setting of the McDonnell Miller #157 should shut the burner down with visible water in the glass.

The auxiliary low water cutoff shuts off the burner at a safe lower level and since it is required by U.S.C.G., ABS, Lloyds of London and some insurance requirements that the burner shuts down and a manual reset is required before a recycle can occur. No requirement of water in the glass is necessary. We do have the auxiliary McDonnell Miller #767 in the non-recycle circuit.

If you have any other questions, please do not hesitate to ask.

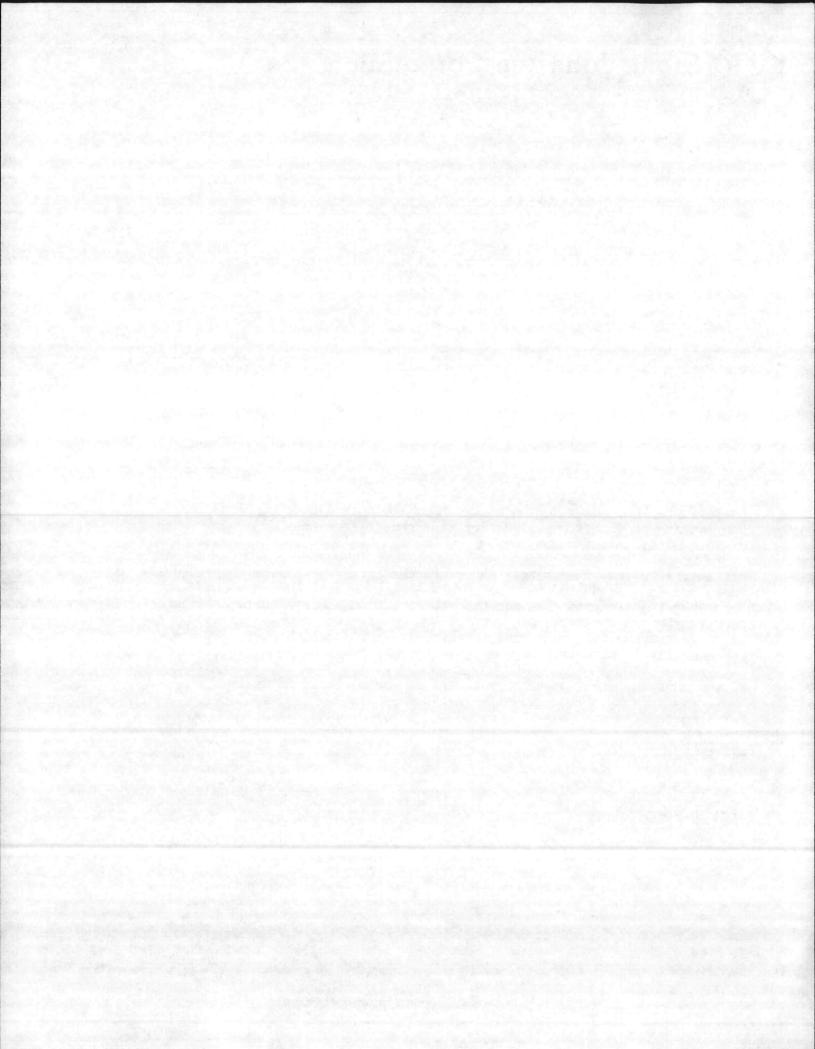
Best regards,

STONE JOHNSTON CORPORATION

Diseval

Lloyd D. Berwald Customer Service Manager

LDB:1h



.o. 8301	+	HNSTC								nd.	1	Insurance	UL
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JOHNSTON PACKAGED BOILER FACTORY RECORD PAGE 2

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Bore Serial Gage No. Flow Contro Valve Type Range — Compressor Alt Gage Ashcroft size 21 Type Serial No. Regulator Size Size Oll Temp. Control Type Motor H,P. Voits Oll Reg. Valve Size Size Size 3/81 Size Oll Reg. Valve Size Size Size Size MM * Type Size Size Size MM * #157 Gage Cock Bushing AA/4 Type Size NM Type #25 - 1/21'' Tope MM * Type #157 Gage Bage Size Size Type Size No. Size Size Size Size Size Size</td><td>Manifold Press. Gage - Range — Pilot Regulator Size Webster Type 2R656D Serial No. G.P.H. Motor Pulley O.D. Bore Batte Size No. Flow Control Valve Range Pressure Gage Ashcroft size 2" Range 0160# Type Range — Compressor Ashcroft size 2" Range 0160# Type Sarial Regulator Steam Regulator Size Range 0160# Type Sarial Steam Motor Regulator Size Range Motor H.P. Voits Oil Temp. Control Type Range Size Oil Reg. Valve Oil Reg. Valve Size Size Length Cprig CHFZ3 7/8 x 5/8 Bushing AA627-00 Type Size No. Recirculating Stockham Type B64 MM * #157 Gage #25 - 1/2" Type Size NM Type Tree Type Size Size Size Oil Reg. Valve Type Size Press. Size Size Mater Type Size Size Size No. Type Size</td><td>Manifold Press. Pilot Regulator Size Type WebSter Type 2R656D Serial No. G.P.H. R.P.M. Motor Pulley O.D. Bore Bats Size No. Flow Control Valve Range - Compressor Cage Ashcroft Size 2" Range 0 Type Range - Compressor Ashcroft Size 2" Range Type Size Oil Temp. Compressor Ashcroft Size Range - Type No. Clin Temp. Cumpressor Motor Type Range - Motor H.P. Volts Streiner Cumo Size 3/8" Type Size Oil Temp. Valve Size Size Size - - Size Oil Temp. Valve Size Size - - - Motor H.P. Volts Streiner Cumo Size 3/8" Type 101 Size Oil Temp. Cock Flow Size - - - Motor H.P. Corig CHFZ3 7/8 x 5/8 Bushing AA627-04 Type Size Recirculating Bushing - - Type Gage</td></td<>	Manifold Press. Gage - Range Pilot Regulator Pilot Regulator Size Webster Type 2R656D Serial No. G.P.H. Motor Pulley O.D. Bore Beits Size No. Flow Contro Valve Motor Pulley O.D. Bore Serial Gage No. Flow Contro Valve Type Range — Compressor Alt Gage Ashcroft size 21 Type Serial No. Regulator Size Size Oll Temp. Control Type Motor H,P. Voits Oll Reg. Valve Size Size Size 3/81 Size Oll Reg. Valve Size Size Size Size MM * Type Size Size Size MM * #157 Gage Cock Bushing AA/4 Type Size NM Type #25 - 1/21'' Tope MM * Type #157 Gage Bage Size Size Type Size No. Size Size Size Size Size Size	Manifold Press. Gage - Range — Pilot Regulator Size Webster Type 2R656D Serial No. G.P.H. Motor Pulley O.D. Bore Batte Size No. Flow Control Valve Range Pressure Gage Ashcroft size 2" Range 0160# Type Range — Compressor Ashcroft size 2" Range 0160# Type Sarial Regulator Steam Regulator Size Range 0160# Type Sarial Steam Motor Regulator Size Range Motor H.P. Voits Oil Temp. Control Type Range Size Oil Reg. Valve Oil Reg. Valve Size Size Length Cprig CHFZ3 7/8 x 5/8 Bushing AA627-00 Type Size No. Recirculating Stockham Type B64 MM * #157 Gage #25 - 1/2" Type Size NM Type Tree Type Size Size Size Oil Reg. Valve Type Size Press. Size Size Mater Type Size Size Size No. Type Size	Manifold Press. Pilot Regulator Size Type WebSter Type 2R656D Serial No. G.P.H. R.P.M. Motor Pulley O.D. Bore Bats Size No. Flow Control Valve Range - Compressor Cage Ashcroft Size 2" Range 0 Type Range - Compressor Ashcroft Size 2" Range Type Size Oil Temp. Compressor Ashcroft Size Range - Type No. Clin Temp. Cumpressor Motor Type Range - Motor H.P. Volts Streiner Cumo Size 3/8" Type Size Oil Temp. Valve Size Size Size - - Size Oil Temp. Valve Size Size - - - Motor H.P. Volts Streiner Cumo Size 3/8" Type 101 Size Oil Temp. Cock Flow Size - - - Motor H.P. Corig CHFZ3 7/8 x 5/8 Bushing AA627-04 Type Size Recirculating Bushing - - Type Gage

SEE REVERSE SIDE

-

MFGRS. SERIAL NO.	MFGRS. MODEL NO.	MANUFACTURER		
830 401	ETH IDD HI			DATE OF SHEET
TYPE OF SUPERHEATER	FTA 100 - 4L /	55 STONE JOHN.		23 JAN. 19
		CU. FT.	USE	
	HEATING SURFACE (SQ. FT.		EXPORT	1986 DATE INSTALLED
		SEMI - AUTOMATIC	ELEC. POWER GENERATION	
TEMPERATURE AT SUPERHEA	BOTEER		LAID UP - WET	DEC. 1986
·	PF ECONOMILER	PRESSURE (psig)	XHEATING	TYPE DRAFT
NORMAL FEEDWATER TEMPER		DESIGN		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	°F DRUMS	Destroy		WATER TUBE
(See Reverse Side for F		INSTALL	CAPACITY	X FIRE TUBE
	DI AMETER		100	
	LENGTH FT	IN.	Constraints of the second state of the second	PRODUCES CIRCU
	RIVETED		3450 LB./HR	STEAM R
	FORGE WELDED	REGENERATIVE	EDR	LOW TEMP. WATER
	FUSION WELDED	STEAM	and the second second second	HIGH TEMP. WATER
			BTU/HR.	
1.1.1.1.1.1		EQUIPMENT IN SERVICE	ALTERNATE FUEL & F	IRING EQUIPMENT
	COAL OIL		COAL OIL	Real and a second
		IERCIAL 1. 2 4. 5. 6		RCIAL 1, 2, 4, 5, 6
FUEL			BITUMINOUS NAVY S	PECIAL
1		.n	OTHER	
	GAS		GAS	
			NATURAL	
			MANUFACTURED	
	COAL-HAND FIRED	COAL - PULVERIZER	COL-HAND FIRED	COAL - PULVERIZER
	COAL - STOKER	ATTRITION	COAL - STOKER	ATTRITION
	UNDERFEED - MULTIPLE RETORT	BALL & RACE	UNDERFEED - MULTIPLE RETORT	BALL & RACE
FIRING	UNDERFEED - SINGLE RETORT SPREADER - DUMP GRATE	BOWL MILL	UNDERFEED - SINGLE RETORT	BOWL MILL
FIRING	SPREADER - VIBRATING GRATE	TUBULAR	SPREADER - DUMP GRATE	TUBULAR
	SPREADER - TRAVELING GRATE	OIL BURNERS	SPREADER - VIBRATING GRATE	
	CHAIN GRATE	MECHANICAL	SPREADER - TRAVELING GRATE CHAIN GRATE	OIL BURNERS
	GAS	STEAM ATOMIZED	GAS	MECHANICAL STEAM ATOMIZED
		AIR ATOMIZED	GAS RING	AIR ATOMIZED
	GAS RING	ATR ATOMIZED		
	GAS RING VENTURI TYPE	ROTARY CUP	VENTURI TYPE	ROTARY CUP
FIRING EQUIPMENT MANUFACTURER		ROTARY CUP		

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FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	3"	KUNKLE		15		
STEAM OUTLET VALVES		8"	STOCKMAN	GATE			1255
BLOW-OFF VALVES	1	1 1/2"	EVERLASTING	QUICK	in born		300
FEEDWATER VALVES	1	1"	STOCKMAN	GHTE	1997 - 1997 -		200
WATER COLUMN	1	1/2"	EUGENE ERNEST				300
FEEDWATER REGULATOR	1	/"·	MC DONNELL MILLER.	FLOHT			150
WATER GAGES							
STEAM GAGES	1	6"	TRERICE	PRESSURE		0-30	
SOOT BLOWERS				t			
FUSIBLE PLUGS							and good

NAT'L BOARD # 7716 # 1 LWCO - MCDONNELL # 157 # 2 LWCO - MCDONNELL # 767 PROGRAMER FIREYE 70 DIO



December 19, 1986

Mr. Paul Plybon Combustion System Sales 1421 Westover Terrace P.O. Box 29178 Greensboro, North Carolina 27408

Reference: Cutoff points of low water and auxiliary low water cutoff.

Dear Paul:

As per our phone conversation of December 18, this letter confirms that the setting of the McDonnell Miller #157 should shut the burner down with visible water in the glass.

The auxiliary low water cutoff shuts off the burner at a safe lower level and since it is required by U.S.C.G., ABS, Lloyds of London and some insurance requirements that the burner shuts down and a manual reset is required before a recycle can occur. No requirement of water in the glass is necessary. We do have the auxiliary McDonnell Miller #767 in the non-recycle circuit.

If you have any other questions, please do not hesitate to ask.

Best regards,

STONE JOHNSTON CORPORATION

Lloyd D. Berwald Customer Service Manager

LDB:1h

DON HANSON



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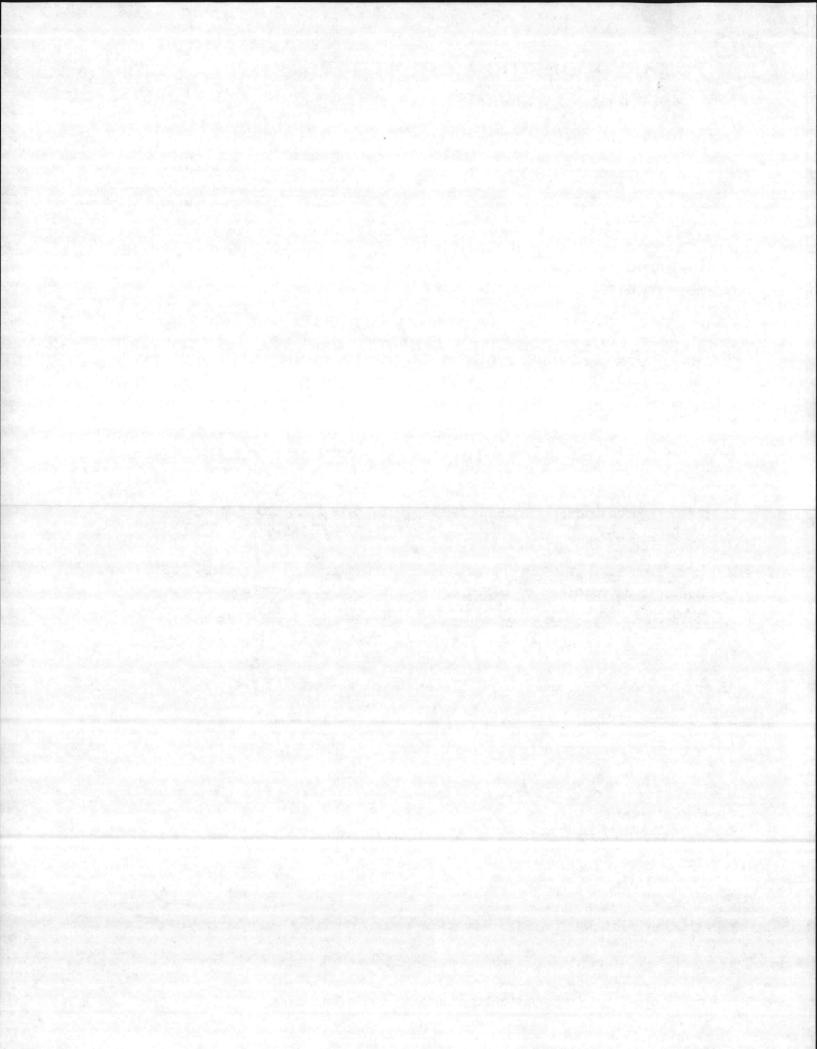
If you have any other questions, please do not hesitate to ask.

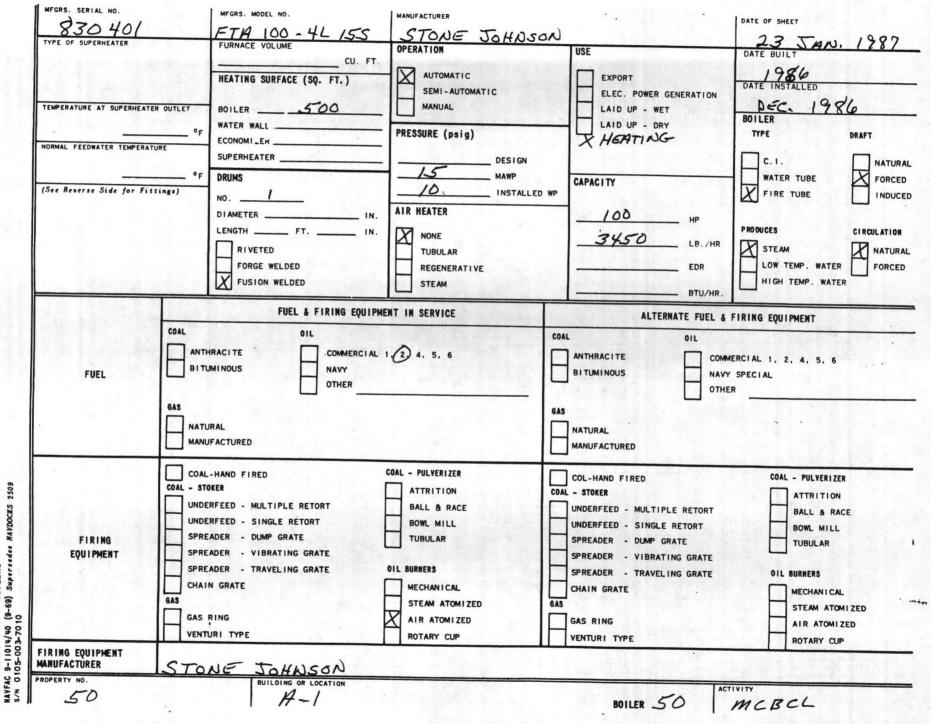
Best regards,

STONE JOHNSTON CORPORATION

Lloyd D. Berwald Customer Service Manager

LDB:1h





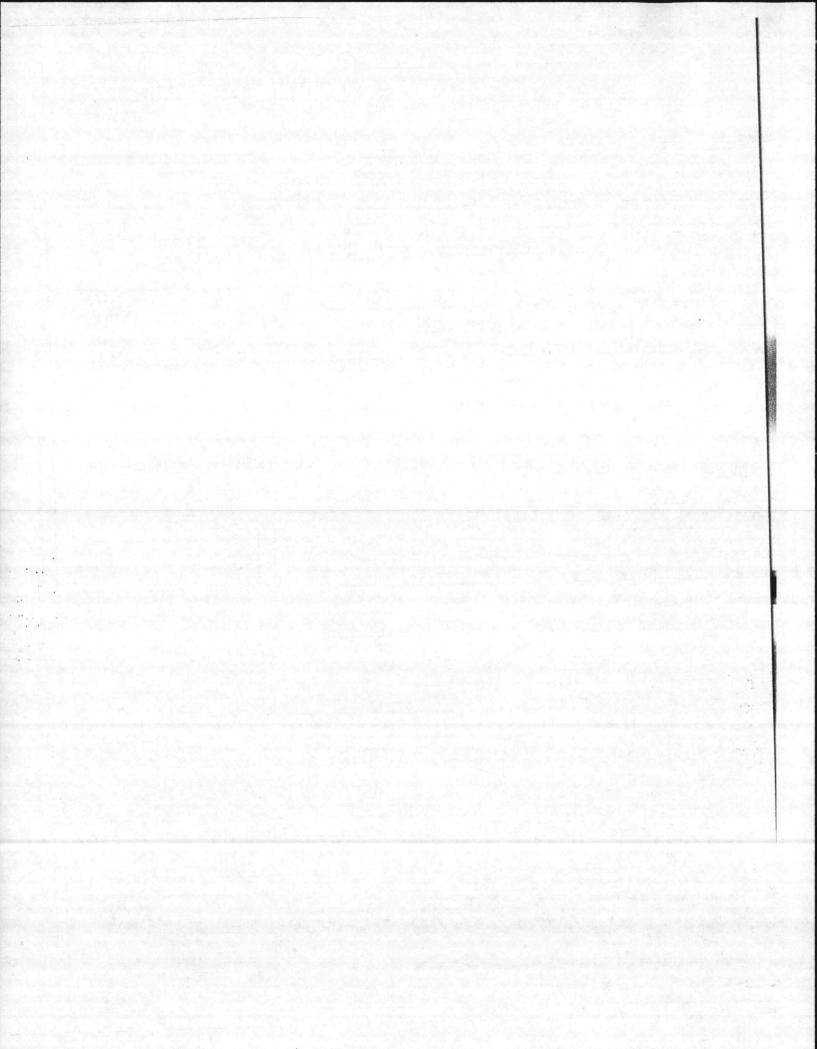
SHEET RECORD

BOILERS

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	3"	KUNKLE		15	RANUE	FRESSURE CLASS
STEAM OUTLET VALVES	1	8"	STOCKMAN	GATE			1255
BLOW-OFF VALVES	1	1 1/2"	EVERLASTING	QUICK	it and a second		300
FEEDWATER VALVES	_/	1"	STOCKMUN	GATE			200
WATER COLUMN	1	1/2"	EUGENE ERNEST				300
FEEDWATER REGULATOR	1	/"	MC DONNELL MILLER	FLOHT			150
WATER GAGES			And an				
STEAM GAGES	1	6"	TRERICE	PRESSURE		0-30	
SOOT BLOWERS		1		1. 			
FUSIBLE PLUGS							1 10 m 1

NAT'L BOARD # 7716 # 1 LWCO - MCDONNELL # 157 # 2 LWCO - MCDONNELL # 767 PROGRAMER FIREYE 70 DIO

	LOCATIO	Nī			BLDG NO). R	DILER NO.	DATE
	NEC 1	BoilEn			14-1	/	.50	I DEC.
BOILER MEG		OPAN	ATIUG P	ser Ir	Teche Const			III Dell
SERIAL NO.		MODEL		<u></u>	Esich Fress.	.B. 1:0.		in de la compañía Referencia de la compañía
BURNER MEG		-		A second second	FIRING			•
STEAM GAGE	NAME:			1	PRESS.	Idite.	TEST	
SV MEG			AP		NO.		1	
NO. 1	SET	a seguration	0	PEN	110.		SIZE	
NO. 2	SET	and server and	0	PEN			OSE	
10. 3	SET	Gine Vieland		PEN		CLO	Salar I. Salar	
2023	02%	11	TACK		IEPMB.		PORGE	
O. 1 FIREY		K (35	EC)	1/LI	GITT	A/I		
0. 2 FIREY		(A/I		
I-STEAM TE						A/L		т., т.,
	M TEMP. C/O					A/L		
I OIL TEMP						A/L		
I OIL PRES						A/L		
O OIL TEMP						A/L		
O OIL PRES						A/L		
ATO! AIR				-		A/L		
	ok cl	0 410	SHT.		÷	A/L		
). 2 LW C/C	A Contraction of the State					A/L		
FIRMACE I					<u></u>	A/L		
FIRE STAP	· · · · · · · · · · · · · · · · · · ·					A/L		
PE_OE_EUEL						A/L_		
MARKS:	CE RoilER	WATE	will	and the second				
							Ť	in an
PILOT	HEL OIL F FUEL OIL (FIRE PURGE	1LTER					1.4.	
and the state of the second state of the second state of the second		SINICA	10001	INTO PR	IWI.		WAL ORI	EACE
EI-OIC M	GTGN SUPPL	Y & RETA	IRN	NOT	WORKING	ġ.		
1. 70 1	Legks 47 20 PROGA	AMER	ER.	() Re	- 74 0	10		
			s Hou	CD NE		10		
	a standard and standard and							



b. 8304	JOHN		The second second		the second s	Gas Pres		Und.	Insura Code	ance UL
00-4L15S	Pressure 15	y s	erial 8	30401	oii#2	Rea'd		Swirler	PA915	
and the second se	pressor Quir	ich	Туре	210	Seriel M 5L490	Burner	PQ95	Air Relief Val	ve	
BK4		7/8"	Belts-No.	SIZ	1	Holder	td No	zzle Delavan	Туре	23034
ozzie Delava	an туре	30615	5-44Size	40GPH	No.	Angle	Pi	pe		
ilter		No		No.	Gas Mod		Şi		Test Cock	Size
VALVES V	i (1) GC live Size	3/8 т	rype K10	8AB1732	Valve		Size		Cock	
Gas Valve	Size	B	Type Body				Typ			
Aux, Gas Valve	Size		Body		Gas Shu	t .	Act	Oil Mod.	IA 1813M-0)2D size 3/8"
Vent Valve	Size		Type	and the M	Off Coc	<u> </u>	Size	28737-	-1 Delavan	w/Delavan _G
IGNITION E	lo. (2) lectrode	3A12-1		Fitting	es Wire Le	aath	Regul	ator A215 1/1	4 11Sec. Volt.	Pilot Cock
Pilot Honeyw	rell size 3/8	3 Type V	4046B1		Contraction of the second	Cash HI-Voltage			zzle - 161	
Direct Spark Ignition Trans.	Webstei	Туре 3	12-24A	102 Sec. Volt.	6000	Wire Lengt		Whee	el	
BLOWER	SJC	size R	1825-30) Bore	5/8"	Dia.		Widt		
Motor	Rad and	Bore	Marine Marine	Shaft Pulley O.I	D		Bor	e Belts-l	No. SI	28
Pulley O.D. Bearings - Front		10 - Th-	Rear	a de la	Bore			ize · Dia.	Length	
ELECTRICA			Ser No.		Volts 2		3 cve 60	Lock	51B8	Sec.
Indicating D	· 1:	Туре	57F3	733	Bulb Size		, 115	Volt Trans.		1K15Colt.
Lights	07D89G11			the second se	ype	Amp. Volt.	Amr	Switch UI		Amp Volt.
Modutrol Switch	Туре		Amp. Volt.	Fuel Select Switch	• т	үре	Volt	Switch	CH TYP	7565K7volt.
Day-Nite Switch	Туре		Amp. Volt	Silencing Switch	т	уре	Vol			e1707-10011.
Electronic Program Relay	Fireye	туре 701	D10	Model		Serial	No.			Oil Pump
The second a	reye	туре 4	8PT2	Mo	del 900	3	Motors	Compressor	Blower	
	oneywell	туре М	941D10	47 Sp	and the second se	1	Makø	Baldor	3	
Modutrol Aux, Switch		Туре	A. H.	25 Tr	AT72I)	н.Р.	11/2		1.60
	Ioneywell	туре 1	05364E	AUA			Volts	208/230/46		400
D.C.		Туре			Prise Print		Ph.	<u> </u>	3 60	
XXXXX Pur	rge Air Sw	tch	C645A	A1022			Cyc.	All planets and all all all all all all all all all al	8.0	
Operating Ho		the second s	404A13	354 R	ange 2 .	_ 15#	Amp Rating	4.8		
Control	Honeywell		L91A103	37 в	ange O	- 15#	R.P.M.	1725	3450	
Hi Limit He	onevwell	Type I	L404A1	354 в	ange 2	_ 15#	Frame	145T	560	,
XXXXXXXXX	Low Fire oneywell	UNIA	L4006B	1171 B	ange 100	-240°]	Serial		AB	
Nite Modulate Control	e Olieâmett	Туре		and the second	ange	-	Starter Make	AB,	10 000000000000000000000000000000000000	
Primary H	oneywell		L404B1	320 _B	ange 2	_ 50#	Туре	509TOD	509/	
Secondary	Honeywell	the second s	C645A1	022 R	ange 3	_ 21"	Coil Volt.	115	115	
Hi Gas Press.		Туре		P	ange	-	O'load Relay	W44	W50	
Switch Lo Gas Press.		See marine	Sec. Sec.	Contraction of the	lange	-	Fuses	FRNR15	FRS	R25
Switch Oil Press		Туре		1	lange	-	Control	FRNR	Amp. 4	Volts
Switch Hi Temp.		Туре			Range		Oil Hea Relay	tor	Түре	Fuses
Oil Limit		Туре	and the second			Alarm Relay		Туре		
Alarm Alarm Silenc	e	Туре	1. 1. 200	and the second		Low Wa Relay	iter	Түре		· ·
Relay			Гуре		da - in g	Low Fin	re	Түре		
Air Relay			Гуре		Sec. Standard	Time D Relay	elay	Туре		
Press. Relay	re &		Туре			Burner	n Switches	Туре		
Excessive Te	emp. Relay	111	Туре	. day		Hi Fire		Түре	1	
Boiler Press.	. Relay	And a state of	Туре		emp.	CUA. C		and an and an		
Euclide Link	The state of the state	Mod.	Type	OII	60#	Air	20#	Gph. 4.5	5 Co2	
Fusible Lini Switch	Low Fire -	Valve Mod.	3	Press.	60#	Press. Air	42#	4 Gph 30.3	A AN AND MANY AND A SAMPLE	
Switch	High Fire -	- Valve Regula	5 5/	8 Press.	Man.	Press.		Cfh	Co2	
Switch T OIL					Press. Man.	98-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1		Cfh	Co2	
Switch T OIL S	Low Fire	- Pressu							and the second sec	
Switch T OIL	High Fire	- Pressu	ated	•	Press. Handhole	6		#3 Manhole Gasket-Siz		e Brush 1 3/4"
Switch T OIL S	High Fire	Regula	ated pre e No,	Size	Press. Handhole Gasket-No		Size	#3 Manhole Gasket-Siz ibian Troop	e ff O Size	3

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JOHNSTON PACKAGED BOILER FACTORY RECORD

PAGE 2

GAS ACCESSORIES	Regulator		Size	Туре	Sprin	9
Regulated Press. Gage - Range	_	Manifold Press. Gage - Range	-	Pilot Regulator	Size	Туре

OIL CIRCULATIO		Webster	Туре	2R65	6D	Se	rial D.				G.P.H.		R.P.M.		1000 C
Pump Pulley O.D.	1	Motor Pulley O.D.	B	ore	Belts Size			No.	a free state of the state of th	Valve				Size	
Vacuum Gage	Size	Range	—	Pressure Gage	Ash	ncroft	Size	2"	Range	0	-160#				-
Oil Thermometer		Туре		Range	-	-	Co	Gage	Ashcro	ft	Size	2"	Range	0 -	160#
Oll Pre-Heater		Туре	Seria No.	1		Steam Regulato	r		SIz	•		Range		-	
Elec. Oll Heater		Туре	* Size			Oil Temp Control).	1. 1. A.	ту			Range		-	
Hot Water Circ. Pump	Туре		Motor H.P.	Volt		Oll Streiner		Cuno	Siz	. :	3/8"	Type 1	C1	Mesh.	130F8
Steam Trap	Туре	Size		Oil Reg. Valve	an a				Sla	•			-1-		
Oil Pump Drive Shaft — Dia.		Length		Cp'lg C	HFZ	3 7/8	x	5/8 .	Bushing		AA62	7-04	F		
Recirculating Oil Valve	and the second se	Туре		Size		FN	Recircu	Valve St	tockhan	1 ту	ре Вб	4	Si	e 3/8	3"

BOILER TRIM			and the second se	_{уре} #15	LOCK		- 1/2"	1000		
Water EEP31AL Gage Set		Gage Glass-Dia.	/8"	Length 9	Type RL		rain alve			
Low Water Cut Off	Туре			Nux. Low Vater	MM	Туре	#767	Water Therm		Range
Water Feeder	Туре			ress. Sage		Size	6" Rai	nge O	-30#	
Water Column Jamesbu	гу туре	2111	S	ize 3/4"	Water Glass Blow off Valve	Jame	esbury	Туре	2111	size1/4
Feed Stop Valve	Туре	416.1087.4.	s	lize	Feed Check Valve			Туре		Size
Slow Opening 1, UB	Туре	225UT	s	ize 111	Quick Opening Blow Off - (,		Туре		Size
Surface Blow Off	Туре		S	lize	Injector			Туре		Size
Continuous Blow Off	Microme	tor	т	vpe	Sight Glass		Туре	Blow C Valve		Туре
Safety Kunkle	Турс	300M	Size	3" No	1 Set Pressure	15#	Relieving Capacity	4901	Lb/Hr	
Safety Valve	Туре	3	Size	No	Set Pressure		Relieving Capacity			
Stack Thermometor	Type	, Dial		Size	3"	Range	100-800	supported to be added to the second second		
Front Peep Sight #4042 3/4	Rear Peep Sight	M100	with	TB1227		Scor-	Gla	ss - Clear	Size 2	2 1/8"

Damper Control	Model	Feed Pump	Model	Seri No.	
Draft Sequence Control	Model	Pump Motor	н.Р.	R.P.M.	Frame
Draft Damper Actuator	Model	Pump Motor-Elect.		Pump Starter	Түрн
Draft Gage	Model	Range		Coil Volts	O'Load Relay
Mod. Feed Water Valve	Valve Body	Motor		Linkage	
Valve By-Pass	Түре	Size	Straine	ar	Size

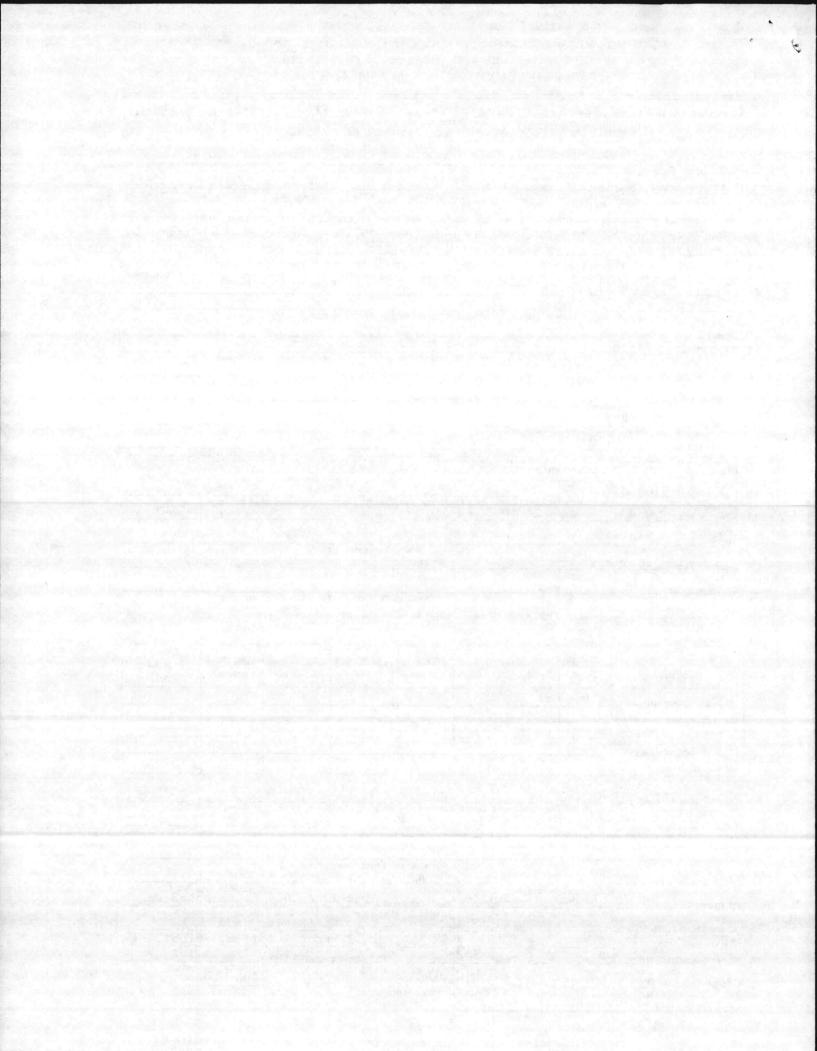
MARINE ACCESSOR	IES		E.	1.	S. A.S.	Server Sta					
Main Probe Assembly	Түре	Probe Lengt	h — A	в		c	D	E		F	
Aux. Probe Assembly	Туре	Probe		н	1		1				
Low Water Relay	Туре			Aux. Low Water Rel	ay	<u></u>	an fin	<u> </u>	ype		
Feed Pump Relay	Туре			Low Wate Alarm Re				т	Ype	1	
Pilot Oil Pump	Туре		Pilot Valve	Meter	Sec. 22	Түр	e			G.F	
Burner Air Regulator	Туре	Size	,	Serial N	No.			Fusible Plug -	Size		ig. o.
Burner Steam Regulator	Туре	Size	,	Serial M	No.					6.1.	
Steam Solenoid Valve	Туре	Size		Air Solenoid V	/alve		T	ype			Size
Pilot Air Steam Valve	Туре	Size		Salinomet	er		Тур	e		Size	<u> </u>
Burner Needle Valve	Туре	Siz		Pilot Needle Va	lve	21		Туре			Size
Low Water Reset Button	Туре	2 di su	-	Low Water Alarm	r	a standar		Туре		1	
Steam-Air Press. Gage	Size	Range	-	Atomizing Steam-Air				Size		Range	
Steam Trap	72 (Size		Steam Strainer	•					Size	

SEE REVERSE SIDE

FORM H-2 MANUFACTURERS' DATA REPORT FOR ALL TYPES OF BUILERS EXCEPT WATERTUBE AND THOSE MADE OF CAST IRON As Required by the Provisions of the ASME Code Rules

Manufactured and Cert	fied by	tone	Joh	nston	Corn	300 Pine	St. Fer	rysburg.	MI 49409
Anna Am	phibian			(14)	sme and add	ess or manufac	10(rer) 28542		
Manufactured for				1	Name and ad	ad, Camp	Lejeune,	NC 285	+2
i retube Scotch				0.	(Nat	me and address	/	7716	1096
	plete boiler, sup		ID N	os. <u>83</u>	IU4U1 ns. Serial No.)	(CRN)	11P-11-6 (Drawing No.)	7716 (Ner') Brd. No.	(Year Built)
The chemical and pl			s of	all pa	rts meet	the require	ments of m	naterial spec	ifications of
ASME BOILER AND PH									
tion IV. 1983		an	d Add	enda to	Winter	1985	Carlos - Arean		
(Te	tar)				Section 1	(Date)			
narks: Manufacturers' Pa				ly identi	ified and sig	ined by Comn	hissioned Insp	ectors have t	een turnisned
the following items of th	nis report: _	NOIN	-						
ale and the second second			-			and identifying		n da de de como	alatin en al
Boiler Shells or Drums:		le	Dia.	<u>60'' </u>		<u>108±"</u>	Dia	Lengt	h
Shell Plates SA-2	85-C	ach she	ll or dr	um state	3/8"	ecification no. 8	orade, nomina	I thickness)	
Longitudinal Joint(s)	Welded				int Efficien	959			B. S.
None	(Seaml	ess, Wel				0.00	(As compa	red to seamless	1)
Girth Joint(s) None	amiess, Weid	(bet	_ No	. of She	Il Courses .				· · · ·
Tube Sheet SA-516-		1/2		_ Tube	Holes	2+1/32		<u>, 1965 (d</u>	
	Spec., Grade,	Thickne	(221	SA-17	8-A	S	(Dia. traight)	
Boiler Tubes: No			-	(Mat	'L Spec., Gra	de)		Straight or Ber	(3)
Dia	rious, give m	th 108	2 ,	80 <u>1</u> "	Ga	ge #13 B.	W.G. r thickness)	a and a second	
Heads	rious, give m	ax. or mi	n.)		1/2"	ALC: NO. THE LEVEL DE MARK	lat	Mer Carlos and	199
	(Materi	al Speci	fication	-		, Dished, Ellipso	oidal-Radius o		96 2 //11
Furnace No. One	Size		0.		ength, each	section		Total	86-3/4"
Type Plair	1		1						
Sec.	lace					, Corrugated, et	c.)	27	EU
Seams: Type Seam	Seamless,	Welded)		42	SA-106-		T	hickness	5"
Seams: Type Seam	(Seamless,	Welded) Size			<u>SA-106-</u>	B fat'i Spec., & Gi	τ.) 		·5''
Staybolts: No. None	(Seamless,)	Size			<u>SA-106-</u>	B Ast'l Spec., & Gi Ast'l. Spec. Grad	τ.) 		
Staybolts: No. None	(Seamless,		ressure		<u>SA-106-</u>	B fat'i Spec., & Gi	τ.) 		
Staybolts: No. <u>None</u> Pitch(Hor. and Vert	(Seamless,	Size			<u>SA-106-</u>	B Ast'l Spec., & Gi Ast'l. Spec. Grad	τ.) 		
Staybolts: No. <u>None</u> Pitch(Hor. and Vert	(Seamless,) D	Size	No.		<u>SA- 106-</u> (A (Diam., A	B Ast'l Spec., & Gi Ast'l. Spec. Grad 	r.) de Size Telltale,	Net Area)	Design
Staybolts: No. <u>None</u> Pitch(Hor. and Vert	(Seamless,	Size			<u>SA-106-</u>	B Ast'l Spec., & Gi Ast'l. Spec. Grad	τ.) 		Design Pressure,
Staybolts: No. <u>None</u> Pitch(Hor. and Veri Stays or Braces	(Seamless,) L) Material Spec.	Size esign P Type	No.	•	<u>SA-106-</u> (A (Diam., A Total	B Mat'l Spec. & Gi Mat'l. Spec. Grad District Spec. Grad Psi. Psig. HG-343	te Size Telltale, Dist. Tubes	Net Area) Area to be	Design
Staybolts: No. <u>None</u> Pitch <u>(Hor. end Verl</u> Stays or Braces Location	(Seamless,) L) Di	Size esign P	No.	•	<u>SA-106-</u> (A (Diam., A Total	B Mat'l Spec. & Gi Mat'l. Spec. Grad District Spec. Grad Psi. Psig. HG-343	te Size Telltale, Dist. Tubes	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Veri</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes	(Seamless,) L) Material Spec.	Size esign P Type	No.	•	<u>SA-106-</u> (A (Diam., A Total	B Mat'l Spec. & Gi Mat'l. Spec. Grad District Spec. Grad Psi. Psig. HG-343	te Size Telltale, Dist. Tubes	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes	(Seamless,) L) Material Spec.	Size esign P Type	No.	•	<u>SA-106-</u> (A (Diam., A Total	B Mat'l Spec. & Gi Mat'l. Spec. Grad District Spec. Grad Psi. Psig. HG-343	te Size Telltale, Dist. Tubes	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes	(Seamless,) L) Material Spec.	Size esign P Type	No.	•	<u>SA-106-</u> (A (Diam., A Total	B Mat'l Spec. & Gi Mat'l. Spec. Grad District Spec. Grad Psi. Psig. HG-343	te Size Telltale, Dist. Tubes	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes	(Seamless,) L) Material Spec.	Size esign P Type	No.	•	<u>SA-106-</u> (A (Diam., A Total	B Mat'l Spec. & Gi Mat'l. Spec. Grad District Spec. Grad Psi. Psig. HG-343	te Size Telltale, Dist. Tubes	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (e) Through stays	(Seamless,) Do L) Material Spec. N O N	Size esign P Type E	No.	Pitch	SA-106- (N (Diam., N Total Net Area	B Mat'l Spec. & Gr Mat'l. Spec. Grav psi. Fig. HG-343 U1	Dist. Tubes to Shell	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (e) Through stays	(Seamless,) D Material Spec. N O N	Size esign P Type E	No. & Size	Pitch	SA-106- (N (Diam., N Total Net Area	B Mat'l Spec. & Gra Mat'l. Spec. Grav psi. Fig. HG-343 U1	Dist. Tubes to Shell	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (e) Through stays	(Seamless, D L) Material Spec. N O N E piping (Brief C	Size esign P Type E 	No. & Size	Pitch	SA-106- (N (Diam., N Total Net Area Feedwat: Boiler Piping	B Mat'l Spec. & Gr Mat'l. Spec. Grad psi. Fig. HG-343 U/1 er_piping etc.)	Dist. Tubes to Shell	Net Area) Area to be	Design Pressure,
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B1 Owoff</u> 1. <u>1-1/2¹¹ thr</u>	(Seamless, D L) Material Spec. N O N E piping (Brief C	Size esign P Type E Descripti I pe ,	No. & Size	Pitch	SA-106- (N (Diam., N Total Net Area Soiler Piping Sch. 8	B Mat'l Spec. & Gr Mat'l. Spec. Grav psi. Fig. HG-343 L/1 er piping etc.) D	Dist. Tubes to Shell	Net Area) Area to be	Design Pressure,
Staybolts: No. None Pitch (Hor. and Ven Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B1 Owoff</u> 1. <u>1-1/2¹¹ thr</u> 2. <u>1¹¹ thr</u>	(Seamless, Debug Material Spec. N 0 N E piping (Brief Creaded p readed p	Size esign P Type E Descripti ipe, ipe,	No. & Size	Pitch	SA-106- (N (Diam., N Total Net Area Boiler Piping Sch. 8 Sch. 8	B Mat'l Spec. & Gra Mat'l. Spec. Grav psi. Fig. HG-343 U1 er_piping etc.) D	Dist. Tubes to Shell	Net Area) Area to be	Design Pressure,
Staybolts: No. None Pitch (Hor. and Ven Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B1 Owoff</u> 1. <u>1-1/2¹¹ thr</u> 2. <u>1¹¹ thr</u>	(Seamless, Debug Material Spec. N 0 N E piping (Brief Creaded p readed p	Size esign P Type E Descripti ipe, ipe,	No. & Size	Pitch	SA-106- (N (Diam., N Total Net Area Boiler Piping Sch. 8 Sch. 8	B Mat'l Spec. & Gra Mat'l. Spec. Grav psi. Fig. HG-343 U1 er_piping etc.) D	Dist. Tubes to Shell	Net Area) Area to be Stayed	Design Pressure, psi.
Staybolts: No. None Pitch (Hor. and Ven Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B10w0ff</u> 1. <u>1-1/2¹⁴ thr</u> 2. <u>1¹⁴ thr</u> 3	(Seamless, Debug Material Spec. N 0 N E piping (Brief C readed p readed p	Size esign P Type E E Descripti ipe, ipe, ipe,	No. & Size	Pitch	SA-106- (N (Diam., N Total Net Area Boiler Piping Sch. 8 Sch. 8	B Mat'l Spec. & Gr Mat'l Spec. Grau psi. Fig. HG-343 L/1 er_piping etc.) D hickness, Desig	Dist. Tubes to Shell 3 0ne 3'' X	Net Area) Area to be Stayed	Design Pressure, psi.
Staybolts: No. None Pitch (Hor. and Ven Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B10w0ff</u> 1. <u>1-1/2" thr</u> 2. <u>1" thr</u> 3 Openings: (a) Steam One (c) Blowoff Two 1 ¹ / ₂	(Seamless, Debug Material Spec. N O N E piping (Brief (readed p readed p readed p readed p	Size esign P Type E Descripti ipe, ipe, ipe, ipe, f, Sp Soff F. (No. & Size	Pitch 2. Dome, 3-B, 3-B, ade, Size	SA-106- (N (Diam., N (Diam., N Total Net Area Boiler Piping Sch. 8 Sch. 8 Sch. 8 (b) St	Aat'l Spec. & Gi Aat'l Spec. & Gi Aat'l. Spec. Grac psi. Fig. HG-343 L/1 er piping . etc.) D D hickness, Desig ofety Valve one ' 1	Dist. Tubes to Shell 3. 3. 9 9 9 9 9 9 9 9 9 9 9 1 2 1 2 1 2 1 2 1	Net Area) Area to be Stayed 300# F.C	Design Pressure, psi.
Staybolts: No. None Pitch	(Seamless, Debug Material Spec. N 0 N E piping (Brief C readed p readed p	Size esign P Type E Descripti ipe, ipe, ipe, ipe, f, Sp Soff F. (No. & Size	Pitch 2. Dome, 3-B, 3-B, ade, Size	SA-106- (N (Diam., N (Diam., N Total Net Area Boiler Piping Sch. 8 Sch. 8 Sch. 8 (b) St	B Aat'l Spec. & Gi Aat'l. Spec. Grac psi. Fig. HG-343 U1 Er piping er piping offety Valve bickness, Desig offety Valve bed One 1 3'' Bar	Dist. Tubes to Shell 3 	Net Area) Area to be Stayed 	Design Pressure, psi.
Staybolts: No. None Pitch	(Seamless, Debug Material Spec. N O N E piping (Brief (readed p readed p readed p readed p	Size esign P Type E E Descripti ipe, ipe, ipe, size, # F.(pe, and I Size,	on-i.e SA-G SA-G SA-G SA-G SA-G SA-G SA-G SA-G	Pitch Pitch Dome, 3-B, 3-B, ade, Size	Feedwatch Boiler Piping Sch. 80 Sch. 80 Material T (b) St 3/4 ¹¹ X	Aat'l Spec. & Gr Aat'l Spec. & Gr psi. Fig. HG-343 U1 er piping etc.) D hickness, Desig ofety Valve eed One 1 3' Bar U	Dist. Tubes to Shell 3 9	Net Area) Area to be Stayed 300# F. C (No., Size, and F. C. Righ ype, and Locati r he ad	Design Pressure, psi.
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Veri</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B1 Owoff</u> 1. <u>1-1/2¹⁴ thr</u> 2. <u>1¹¹ thr</u> 3. <u></u> Openings: (a) Steam One (c) Blowoff <u>Two 11</u> (c) Blowoff <u>Two 11</u> (c) Manholes: No. <u>One</u> (f) Handholes: No. <u>Six</u>	(Seamless, Debug Material Spec. N O N E piping (Brief (readed p readed p readed p readed p	Size esign P Type E E Descripti ipe, ipe, ipe, size, # F.(pe, and I Size,	on-i.e SA-C SA-C SA-C SA-C SA-C SA-C SA-C SA-C	Pitch 2. Dome, 3-B, 3-B, ade, Size pe) tom " X 1! 3±" X	SA-106- (N (Diam., N (Diam., N Total Net Area Boiler Piping Sch. 8 Sch. 8 Sch. 8 Sch. 8 Sch. 8 (b) St Sch. 8 Sch.	B Aat'l Spec. & Gravent Aat'l Spec. Gravent Fig. HG-343 U1 Er piping er piping er.) D hickness, Design ofety Valve	Dist. Tubes to Shell 3. 3. 3. 4. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5. 5.	Net Area) Area to be Stayed 300# F.C. (No., Size, and F.C.Righ ype, and Location r head Dttom, 1-R	Design Pressure, psi.
Staybolts: No. <u>None</u> Pitch <u>(Hor. and Vert</u> Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B</u> Owoff 1. <u>1-1/2¹¹ thr</u> 2. <u>1¹¹ thr</u> 3. <u>Constant of the second seco</u>	(Seamless, Material Spec. N 0 N E piping (Brief (readed p readed p readed p readed p readed p (Brief (readed p readed p readed p	Size esign P Type E E Descripti ipe, ipe, ipe, Size, F.(pe, and I Size, Size, Size, Size, Size, Size,	No. & Size	Pitch 2. Dome, 3-B, 3	SA-106- (N (Diam., N (Diam., N (Diam., N Net Area Net Area Sch. 8 Sch. 8	Aat'l Spec. & Gr Aat'l Spec. & Gr psi. Fig. HG-343 U1 Er piping er piping etc.) D hickness, Desig ofety Valve ofety Valve ofety Valve D Location Attach	Dist. Tubes to Shell 3 9	Net Area) Area to be Stayed 300# F.C. (No., Size, and F.C. Righ ype, and Locati r head ottom, 1-R d (Bolted or W	Design Pressure, psi. Type) t Side on) ight, 1-Le 1-Rear elded)
Staybolts: No. None Pitch (Hor. and Veri Stays or Braces Location (a) F. H. above tubes (b) R.H. above tubes (c) F.H. below tubes (d) R.H. below tubes (d) R.H. below tubes (e) Through stays Other Parts. 1 <u>B</u> Owoff 1. <u>1-1/2¹¹ thr</u> 2. <u>1¹¹ thr</u> 3 Openings: (a) Steam One (c) Blowoff Two 1½ (c) Blowoff Two 1½ (c) Manholes: No. One (f) Handholes: No. Six Boiler Supports: No. T	(Seamless, Debug Material Spec. N 0 N Piping (Brief readed p readed p readed p readed p readed p	Size esign P Type E E Descripti ipe, ipe, ipe, Size, F.(pe, and I Size, Size, Size, Size, Size, Size,	No. & Size	Pitch 2. Dome, 3-B, 3-B, 3-B, ade, Size pe) tom ' X 1! 3±'' X Sadd (Sadd) 5.5) H	SA-106- (N (Diam., N (Diam., N (Diam., N Net Area Net Area Sch. 8 Sch. 8	Aat'l Spec. & Gr Mat'l Spec. Grav psi. Fig. HG-343 U1 Er piping er piping etc.) D hickness, Design ofety Valve	Dist. Tubes to Shell 	Area to be Stayed 300# F.C (No., Size, and F.C.Righ ype, and Loceti r head ottom, 1-R	Design Pressure, psi. Typel t Side on) ight, 1-Le 1-Rear

This form (E00101) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017



	ORM H-2 (BACK)
Remarks: Manufacturers' Partial Data Reports pro furnished for the following items of this report:	operly identified and signed by Commissioned Inspectors have been None (Name of part, item number, mfgr's name, and identifying stamp)
CERTIFIC	ATE OF COMPLIANCE
ve certify the statement in this data report to be corrected at a signed State of the signed St	ct. one Johnston Corp. by Gordon Royce
Our Certificate of Authorization No. 819	to use the (H) symbol expires
March 30, _{19.} 87	
CEDTIEICA	TE OF SHOP INSPECTION
oiler made by Stone Johnston Corporatio	
the undersigned, holding a valid commission issued	the the Netional Read of Boiler and Pressure Vessel Inspectors and/or
e State or Province of Michigan	and employed by H.J.D.I. & HIS. CO.
Hartford, CT 1-20 inclusive	have inspected parts of this boiler referred to as data items and have examined Manufacturer's Partial Data Reports for items
None	and have examined manufacturer at a that bata happens for item
nd state that, to the best of my knowledge and belief, t able sections of the ASME BOILER AND PRESSURE V	the Manufacturer has constructed this boiler in accordance with the appli- ESSEL CODE.
By signing this certificate neither the Inspector nor his e	employer makes any warranty, expressed or implied, concerning the boile
lescribed in this Manufacturer's Data Report. Furthermo	ore, neither the Inspector nor his employer shall be liable in any manner
	f any kind arising from or connected with this inspection.
IFI COLL	Commissions AB-7607 MI-414
ligned (Inspector)	(Nat'l Board, State, Province and No.)
CERTIFIC	CATE OF COMPLIANCE
We certify that the field assembly of all parts of this bo	iler conforms with the requirements of SECTION IV of the ASME BOILER
AND PRESSURE VESSEL CODE.	
Date Signed	(Assembler) By (Representative)
Our Certificate of Authorization No.	to use the (H) symbol expires
19	
	F FIELD ASSEMBLY INSPECTION
the undersigned, holding a valid commission issued in	by the National Board of Boiler and Pressure Vessel Inspectors and/or the mployed by of
and er	Data Report with the described boiler and state that the parts referred to
s data items	not included in the certificate of shop inspection, have
een inspected by me and that to the best of my know	ledge and belief the Manufacturer and/or the assembler has constructed
nd assembled this boiler in accordance with the applic	cable sections of the ASME BOILER AND PRESSURE VESSEL CODE. The
described boiler was inspected and subjected to a hyd	Irostatic test of psi.
By signing this certificate neither the Inspector nor his	employer makes any warranty, expressed or implied, concerning the boil

described in this Manufacturer's Data Report. Furthermore, neither the Inspector nor his emp for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.

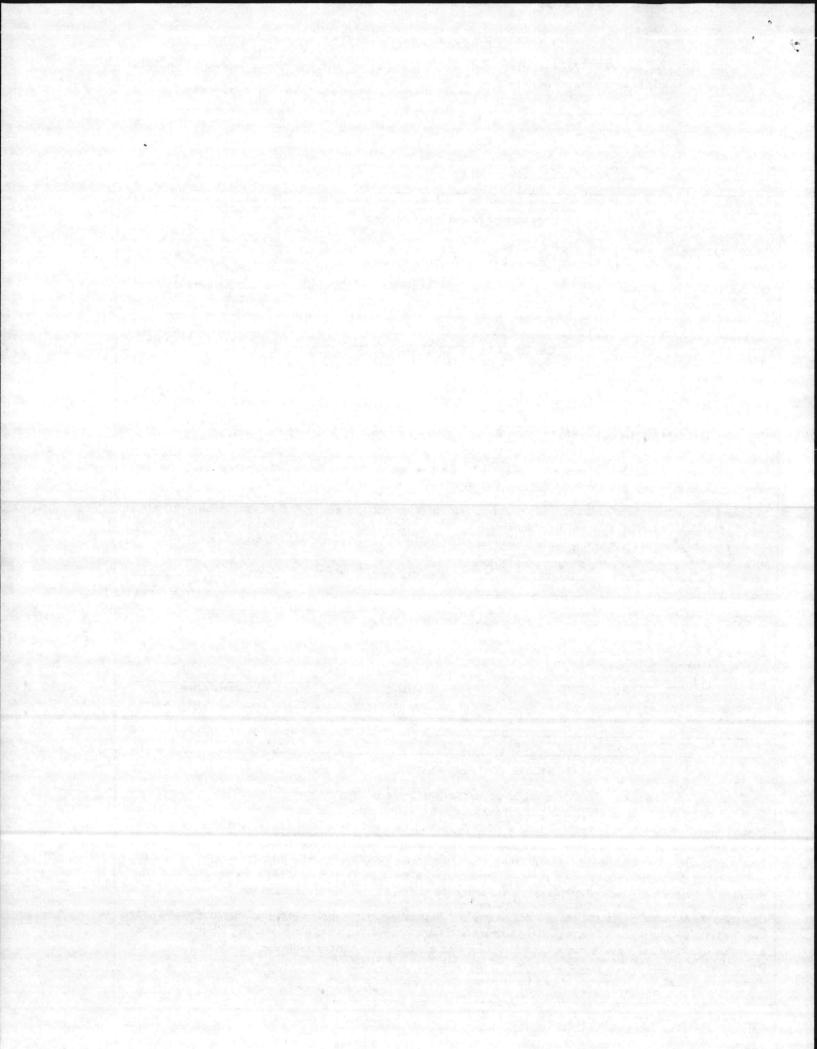
Date

(Inspector)

Commissions

(Nat'l Board, State, Province and No,)

Signed .

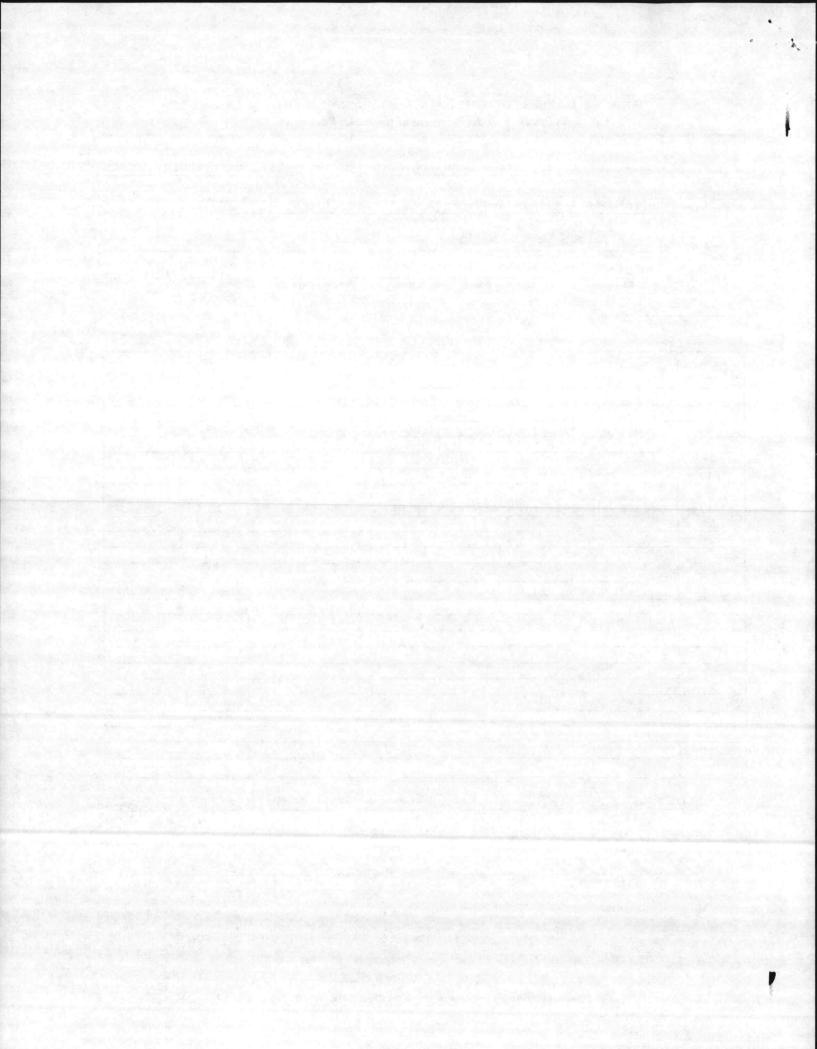


FORM P-6 MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET As Required by the Provisions of the ASME Code Rules

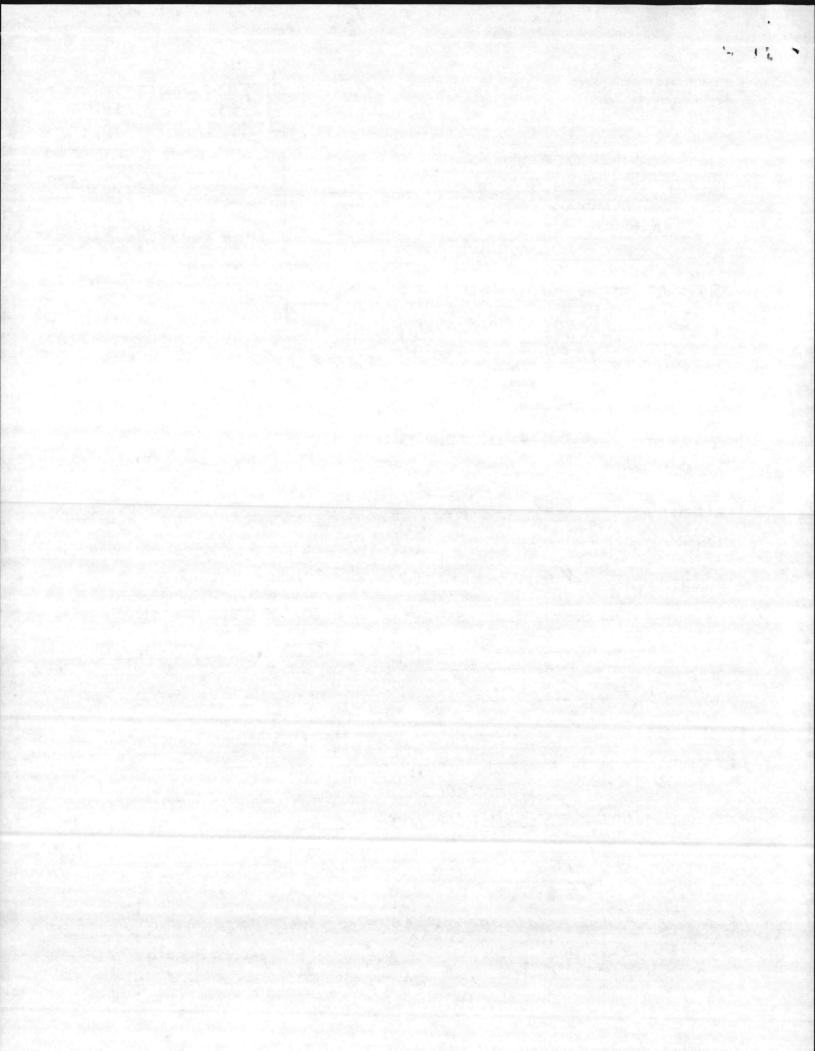
	er (or Engineering-Con	tractor) Stone	Johnston	300 Pine		Ferrysburg,	MI	49409
2. Purchaser	Building A-1	Amphibian	Troop Area	Lejeune,	NC	28542		
3. Type of Boi	Firetub	e Scotch Ma	arine		E. P. P.	adates in		<u></u>
4. Boiler No	830401 (Mfrs. Serial No.)	(State or P	rov.) (CR	 11P-11-6		7716 (Nat'l. Brd. No.)		
1986		IS LATE OF F			0.7	(Nat I. Brd. NO.)		
(Yee	r Built)							
Data Items								

by Line No.	
10	Combustion chamber rear head, SA-516-70, 1/2"
13	C. mbustion chamber wrapper, SA-285-C, 7/16" X 37" I. D. X 25" long, welded butt, plain, HG-312, 145.5 P.S.I.
17A	W/8" X 7-3/4" pipe, SA-53-B, Sch. 80
170	Surface blowoff 1-1/4" X 6-3/4" pipe, SA-106, Sch. 80
e verden	
Date 24	System 1986 Signed Stone Johnston Corp. by Gordon Royce System 1986 half Elatt Commissions 18-7607 MI-414 (Inspector)
)ac= <u>24</u>	Systember 1886
fic	Kall Electr Commissions 10-7607 MI-414 (Inspector) (Nat'l Board, State, Prov. and No.)

6



Supersedes NAVDOCI	RT-BOILERS (3/67) KS 2544			OF INSPECT	
S/N 0105-LF-004-000	00	TYPE OF INSPEC	TION	-18 p	EC 1980
				RNAL & EXT	
BASE	MAINT. OFFICER		14.	PRESSURE	rest - PI
CAM	P LEJEUNE, N. C.		C	RTIFICATE	SSUED TYES
2. TO			EXII	15 8	DEE 19
	ACENGCOM		15. 801	LER INSPECT	OR
NOF	FOLK, VA.		1		II.
	BOILER DATA	and the second second		NAVY OR NA	TIONAL BOARD NO
3. MANUFACTURER		and the second	N	WF40	239
STONE	JOHNSON CORP		16. REA	SON FOR NO	T ISSUING CERTIFIC
4. PROPERTY NO.	JOHNSON CORP 3. MFG. SERIAL NO.	6. MFG. MODEL NO.			
T. BUILDING NO.	830401	FTA 100 -46	155		
1/ I	. YEAR BUILT				
10. FUEL (Check)	1986	3450 LB	HR		
		OPERATING TEST			
	DIL GAS 1.5 mail	10 pel 2	2 pei		
12. FEED WATER TREAT	MENT 13. TY	PE	- per		
SATISFACTORY		UBE FIRE TUBE	Пс. I.		
					Sec. 1
Dit *	CO2 4.5 * EXCESS	O2 AFTER BOILER	<u>350</u> .	AFTER HEA	T TRAP
		SAFETY DEVICES			
1. MANUFACTURER		SAFETY VALVES			
and the second se		22. NUMB	ER AND SIZE 23. P	SI SETTING	24 CONDITION
KUNKLE	-	22. NUMB	-11		24. CONDITION
A REAL PROPERTY.	- ST	EAM PRESSURE GA	3'1 1. JGE	SI SETTING	24. CONDITION
S. MANUFACTURER	and the second second	EAM PRESSURE GAN	3'1 /	5	
KUNKLE TRERIC 7. REASON IF NOT TE	and the second second	EAM PRESSURE GAN	3'1 1. JGE	5	
S. MANUFACTURER	and the second second	EAM PRESSURE GAN 26. CORRE WATER L	3'1 /	5	SMT.
5. MANUFACTURER	and the second second	EAM PRESSURE GAN	3'1 /	5psi; C	_S# 7.
13. MANUFACTURER TRERIC 7. REASON IF NOT TE ITEM	STED IN SERVICE	EAM PRESSURE GAN 26. CORRE WATER L FIRING EQUIPMENT	3'1 /	5	_S# 7.
IS. MANUFACTURER TRERIC TREASON IF NOT TE ITEM	STED	EAM PRESSURE GAN 26. CORRE WATER L FIRING EQUIPMENT	3'1 /	5psi; C	_S# 7.
13. MANUFACTURER TRERIC 17. REASON IF NOT TE ITEM 8. MANUFACTURER	E STED IN SERVICE STONE JOHNSC	FIRING EQUIPMENT	3'1 /	5psi; C	_S# 7.
13. MANUFACTURER TRERIC 17. REASON IF NOT TE ITEM 8. MANUFACTURER	STED IN SERVICE	FIRING EQUIPMENT	3'1 /	5psi; C	_S# 7.
13. MANUFACTURER TREASON IF NOT TE ITEM 1. MANUFACTURER 0. TYPE 0. FUEL GRADE	E STED IN SERVICE STONE JOHNSONOZZLE SPRAY-KA HE 2-	FIRING EQUIPMENT	3'1 /	5psi; C	_S# 7.
IS. MANUFACTURER TRERIC ITEM MANUFACTURER D. TYPE D. FUEL GRADE INSPECTOR'S COMMENT	E STED IN SERVICE STONE JOHNSO NOZZLE SPRAY - M H Z- NTS	FIRING EQUIPMENT	3'1 /	5psi; C	_S# 7.
13. MANUFACTURER TRERIC 7. REASON IF NOT TE ITEM 8. MANUFACTURER 9. TYPE 9. FUEL GRADE CONTRAC	E STED IN SERVICE STONE JOHNSON NOZZLESPRAY-M #2 NTS T # \$5-630	FIRING EQUIPMENT	3'1 /	5psi; C	_S#Ţ.
13. MANUFACTURER TRERIC 17. REASON IF NOT TE ITEM 8. MANUFACTURER 9. TYPE 0. FUEL GRADE 1. INSPECTOR'S COMMENT CONTRAC	E STED IN SERVICE STONE JOHNSON NOZZLESPRAY-M #2 NTS T # \$5-630	FIRING EQUIPMENT	3'1 /	5psi; C	_S#Ţ.
IS. MANUFACTURER TRERIC ITEM ITEM MANUFACTURER D. TYPE D. FUEL GRADE CONTRACT MGW BALEN ATTACHMENT(S) (Che	E STED IN SERVICE STONE JOHNSON NOZZLE SPRMY-M HZ MOZZLE SPRMY-M HZ T IF 85-630 C INSTALLED AND CAU	FIRING EQUIPMENT	3'1 /	5 	
13. MANUFACTURER TRERIC 17. REASON IF NOT TE ITEM 8. MANUFACTURER 9. TYPE 0. FUEL GRADE 1. INSPECTOR'S COMMENT CONTRAC	E STED IN SERVICE STONE JOHNSON NOZZLE SPRMY-M HZ MOZZLE SPRMY-M HZ T IF 85-630 C INSTALLED AND CAU	FIRING EQUIPMENT	3'1 /	5 	<u></u> DTH ER E E <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u> <u></u>
IS. MANUFACTURER TRERIC ITEM ITEM MANUFACTURER D. TYPE D. FUEL GRADE CONTRACT MGW BALEN ATTACHMENT(S) (Che	IN SERVICE IN SERVICE STONE JOHNSON NOZZLE SPRAY - M <u>H</u> Z NTS T H \$5-630 <u>L INSTALLED AND</u> CNDE'S BERDON	FIRING EQUIPMENT	3'1 JGE CTIONS EG CONSTANT EG CONSTANT SHIME PR	5 	<u>SMT</u> .
IS. MANUFACTURER TRERIC ITEM ITEM MANUFACTURER D. TYPE D. FUEL GRADE CONTRACT MGW BALEN ATTACHMENT(S) (Che	IN SERVICE IN SERVICE STONE JOHNSON NOZZLE SPRAY - M <u>H</u> Z NTS T H \$5-630 <u>L INSTALLED AND</u> CNDE'S BERDON	FIRING EQUIPMENT	3'1 /	5 	<u>SMT</u> .
13. MANUFACTURER TRERIC 7. REASON IF NOT TE ITEM 8. MANUFACTURER 9. TYPE 9. TYPE 9. FUEL GRADE CONTRAC UGU BALEI ATTACHMENT(S) (Che	IN SERVICE IN SERVICE STONE JOHNSON NOZZLE SPRAY - M <u>H</u> Z NTS T H \$5-630 <u>L INSTALLED AND</u> CHOB'S BEDOX	FIRING EQUIPMENT	3'1 JGE CTIONS EG CONSTANT EG CONSTANT SHIME PR	5 	<u>SMT</u> .
MANUFACTURER TREASON IF NOT TE ITEM MANUFACTURER TYPE FUEL GRADE INSPECTOR'S COMMEN CONTRACT MANUFACTURER INSPECTOR'S COMMENT CONTRACT MANUFACTURER INSPECTOR'S COMMENT INSPECTOR'S COMME	IN SERVICE IN SERVICE STONE JOHNSON NOZZLE SPRAY - M <u>H</u> Z NTS T H \$5-630 <u>L INSTALLED AND</u> CHOB'S BEDOX	FIRING EQUIPMENT	3'1 JGE CTIONS EG CONSTANT EG CONSTANT SHIME PR	5 	 _





December 19, 1986

Mr. Paul Plybon Combustion System Sales 1421 Westover Terrace P.O. Box 29178 Greensboro, North Carolina 27408

Reference: Cutoff points of low water and auxiliary low water cutoff.

Dear Paul:

As per our phone conversation of December 18, this letter confirms that the setting of the McDonnell Miller #157 should shut the burner down with visible water in the glass.

The auxiliary low water cutoff shuts off the burner at a safe lower level and since it is required by U.S.C.G., ABS, Lloyds of London and some insurance requirements that the burner shuts down and a manual reset is required before a recycle can occur. No requirement of water in the glass is necessary. We do have the auxiliary McDonnell Miller #767 in the non-recycle circuit.

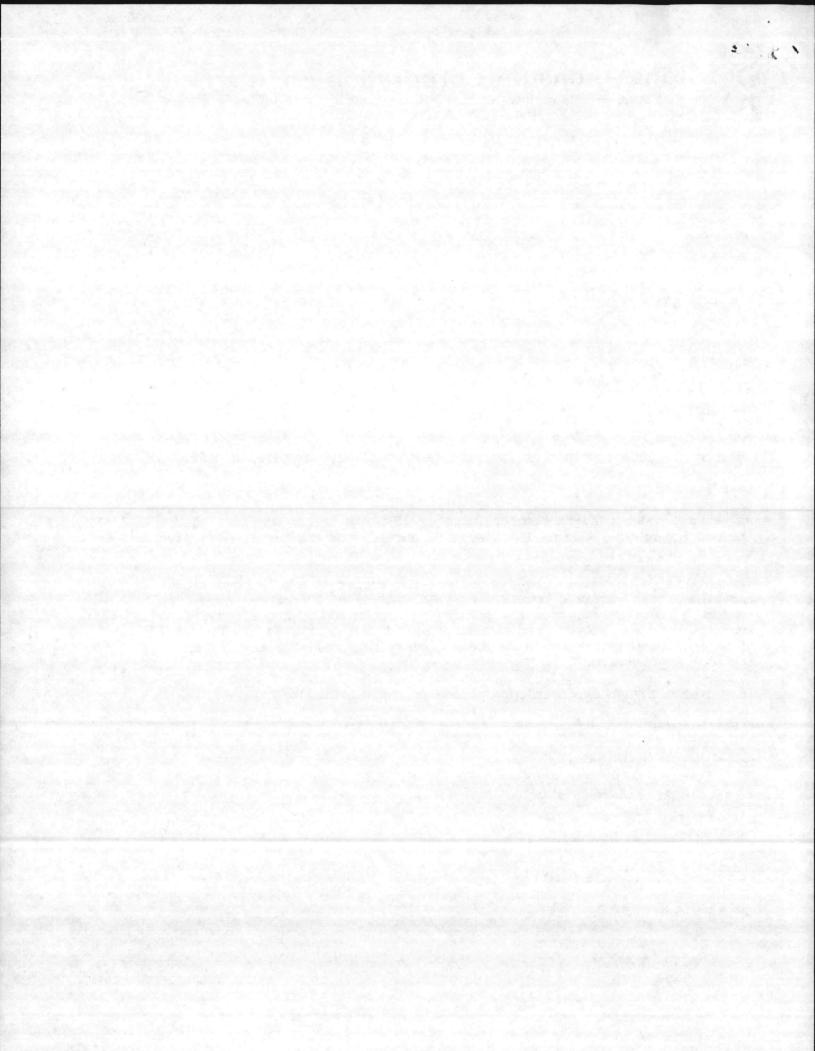
If you have any other questions, please do not hesitate to ask.

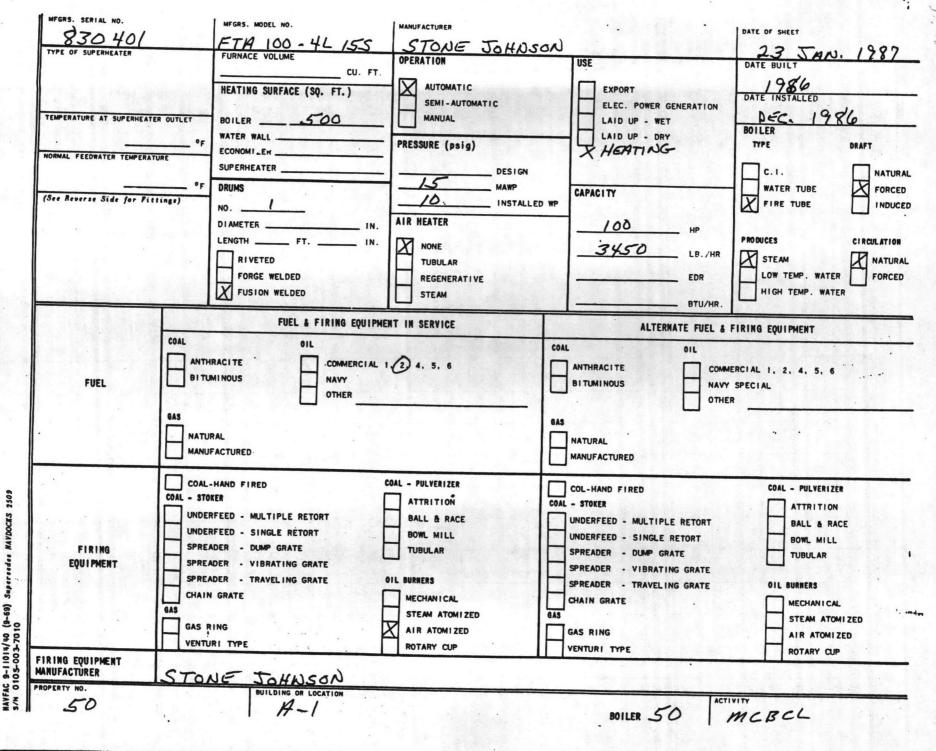
Best regards,

STONE JOHNSTON CORPORATION

Lloyd D. Berwald Customer Service Manager

LDB:1h





- BOILERS SHEET

RECORD

DATA

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	3"	KUNKLE		15		and a set
STEAM OUTLET VALVES	1	8"	STOCKMAN	GATE			1255
BLOW-OFF VALVES	1	1 1/2"	EVERLASTING	QUICK			300
FEEDWATER VALVES	1	1"	STOCKMAN	GHTE			200
WATER COLUMN	1	1/2"	EUGENE ERNEST				300
FEEDWATER REGULATOR	_/	, ···	Me DONNELL Miller.	FLOHT			150
WATER GAGES				•			
STEAM GAGES	1	6"	TRERICE	PRESSURE		0-30	
SOOT BLOWERS							all sure has
FUSIBLE PLUGS						an Assess	

NAT'L BOARD # 7716 # 1 LWCO - MCDONNELL # 157 # 2 LWCO - MCDONNELL # 767 PROGRAMMER FIREYE 70010

FORM H-2 MANUFACTURERS' DATA REPORT FOR ALL TYPES OF BOILERS EXCEPT WATERTUBE AND THOSE MADE OF CAST IRON As Required by the Provisions of the ASME Code Rules

1. Manufactured and Cer				()	ame and add	tress of manufa	St., Fe	rrysburg,	MI 49409
2. Manufactured for	phibian	Tro	op Ar	ea,	Camp Leje	ddress of purch	28542	NG 995	1.0
3. Location of Installation Firetube Scotch	Buildi	ng A-		A Participation	(Na	me and addres		, NC 285	42
4. Unit Identification	plete boiler, su	perheater		los8	30401 Irs. Serial No.)	(CRN)	11P-11-6 (Drawing No.)	5 7716 (Nat'l Brd. No	1986 (Year Built)
5. The chemical and p the ASME BOILER AND P Section IV, 1983	RESSURE N	opertie /ESSEL ar	. CODE	E. The enda to	design, con Winter	struction, and 1985 (Date)	d workmansh	ip conform to	o ASME Rules
for the following items of t	his report:	Nor	ne						
and the second						and identifying			
6. Boiler Shells or Drums		ne	Dia	60''		h 1081"	_ Dia	Leng	th
7. Shell Plates <u>SA-2</u>	(For	each sh	ell or dr	um state	3/8" a: material sp	ecification no.	& grade, nomin	al thickness)	
8. Longitudinal Joint(s) _	Welded	Butt	State of the second second	Jo	oint Efficien	cy 85%			
9. Girth Joint(s) None	amless Wei			. of Sh	ell Courses	One	(As compa	ared to seamles	•)
10. Tube Sheet SA-516	- 70	1/2		_ Tube	Holes	2+1/3			
(Mat'i 11. Boiler Tubes: No.	Spec., Grade	, Thickn	ess)	SA-17	78-A		(Dia Straight	r.)	
		108			I. Spec., Gra	de)	States and the state	(Straight or Be	nt)
Dia (If va	rious, give m	ax. & m	2 , in.)	002	Ga	uge <u>#13 B.</u>	W.G. r thickness)		
12. Heads <u>SA-516-70</u>				No. Th	1/2"	t, Dished, Ellips	lat	(
13. Furnace No. One	Size	24	" 0.	D.					86-3/4"
Type Plain	1	(0.	D. or W	X H)					
	lass			r de pa		, Corrugated, et	tc.)		
Seams: Type Seam	(Seamless,	Welded	1	0	SA-106-	D Aat'l Spec., & G	TT	hickness	/5''
14. Staybolts: No. None		Size			10:	1-11 C C	- 0' T II- 1-	A	
Pitch	D	esign P	ressur	e	(Diam., n	Mat'l. Spec. Gra	de Size Telitale,	, NEL Area)	
(Hor. and Ver	L)					1000	•		
5. Stays or Braces	T		I No.	1					Design
Location	Material Spec.	Туре	& Size	Pitch	Total Net Area	Fig. HG-343 L/1	Dist. Tubes to Shell	Area to be Stayed	Pressure, psi.
(a) F. H. above tubes	NON	Ε	4			and the second		1.1.1.1.1.1.1	
(b) R.H. above tubes				1.50	1.7.8 7.8	a sharakis		1.1.1.200	
(c) F.H. below tubes	C. A. COM	18. 2			1			Same and the	
(d) R.H. below tubes					-				
(e) Through stays					Sec. and Sec.			1.1.1.1.1.1.1.	
6. Other Parts. 1Blowoff	piping			.2	Feedwate Boiler Piping,	er piping	3		
1. 1-1/2" thr	eaded p	ipe,	SA-5	3-B,	Sch. 8)			
	eaded p	-	and the second se						Surger and Superior
3	white are pain	いたからは	Real of the	111/2011					
7. Openings: (a) SteamOne	8. X I	50# 3	.	Tel color		fety Valve	One 3" X	300# F.C	
(c) Blowoff Two 11	" X 300	# F.C	and Typ	tom	3/4" X 5	one'l	" X 300#	F.C.Righ	tSide
(e) Manholes: No.One	No., Size, Typ	e, and L	ocation	"x 1	3/4" X	Bar U	(No., Size, Typper rear	pe, and Location	on)
(f) Handholes: No. Six		Siz	e 3	£" X	5"	Location 2-F	ront, 1-Bo	ttom, 1-R	ight, 1-Lef
	WO	Left's	Type .	Sade	iles Lens I	Attach	men Welder	(Bolted or We	1-Rear
9. Design Pressure 30	2	Based	On(43	. 5)H	- 340 r. and/or For	Heating Su mula)		500 (Total)	sq ft or kW
0. Shop Hydrostatic Test	60 (Comple	e Roiler		sig.					

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F	ORM H-2 (BACK)	
Remarks: Manufacturers' Partial Data Reports pro furnished for the following items of this report:	operly identified and signed by Commi None (Name of part, item number, mfgr's nar	
CERTIFIC	ATE OF COMPLIANCE	
We certify the statement in this data report to be correct Date 74 1986 Signed St. Our Certificate of Authorization No. 819	t. one Johnston Corp. by Orr (Manufacturer) (Authoriz to use the (H) <u>H</u>	don Royce ed Representative) symbol expires
March 30, , ₁₉ .87		
	TE OF SHOP INSPECTION	41
Boiler made by Stone Johnston Corporatio I, the undersigned, holding a valid commission issued the State or Province of Michigan	n at Ferrysburg, I by the National Board of Boiler and Pre and employed by	ssure Vessel Inspectors and/or
of <u>Hartford</u> , CT	have inspected parts of this	boiler referred to as data items
1-20 inclusive None	and have examined Manufacturer's	a Partial Data Reports for items
and state that, to the best of my knowledge and belief, the cable sections of the ASME BOILER AND PRESSURE VE		iler in accordance with the appli-
By signing this certificate neither the Inspector nor his e	mployer makes any warranty, expressed	or implied, concerning the boiler
described in this Manufacturer's Data Report. Furthermo for any personal injury or property damage or a loss of Date 24 Augustury 1985	ore, neither the Inspector nor his employed any kind arising from or connected with	er shall be liable in any manner h this inspection.
Signed (Inspector)	Commissions AB-7607 (Nat'l Board,	MI-414 State, Province and No.)
CERTIFIC	ATE OF COMPLIANCE	<u>Print - Alexandra Alexandra</u> Tanan - Alexandra Alexandra - Alexandra
We certify that the field assembly of all parts of this boi AND PRESSURE VESSEL CODE.	ler conforms with the requirements of SI	ECTION IV of the ASME BOILER
Date Signed	(Assembler) By	(Representative)
Our Certificate of Authorization No.	to use the (H)	symbol expires

Our Certificate of Authorization No. _____ 19 _____

CERTIFICATE OF FIELD ASSEMBLY INSPECTION

	ommission issued by the National Board of Boiler	
State or Province of	and employed by	of
have compared the statements in th	is Manufacturer's Data Report with the described , not included	boiler and state that the parts referred to
been inspected by me and that to th and assembled this boiler in accorda	e best of my knowledge and belief the Manufactur ance with the applicable sections of the ASME BOI subjected to a hydrostatic test of	rer and/or the assembler has constructed ILER AND PRESSURE VESSEL CODE. The
By signing this certificate neither the	Inspector nor his employer makes any warranty, a Report. Furthermore, neither the Inspector nor h	expressed or implied, concerning the boiler
for any personal injury or property of Date	damage or a loss of any kind arising from or conr	nected with this inspection.

Signed

(Inspector)

____ Commissions

(Nat'l Board, State, Province and No,)

.:

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FORM P-6 MANUFACTURERS' DATA REPORT SUPPLEMENTARY SHEET As Required by the Provisions of the ASME Code Rules

	Name and Address)
Purchaser	Building A-1 Amphibian Troop Area, Camp Lejeune, NC 28542
Ser St	(Name and Address)
. Type of Bo	pilerFiretube Scotch Marine
. Boiler No.	830401 11P-11-6 7716 (Mfrs. Serial No.) (State or Prov.) (CRN) #CDrawing No.) (Nat'l. Brd. No.)
198	
	sar Built)
Data Items	
y Line No.	and the second secon
10	Combustion chamber rear head, SA-516-70, 1/2"
13	Combustion chamber wrapper, SA-285-C, 7/16" X 37" I. D. X
	23" long, welded butt, plain, HG-312, 145.5 P.S.I.
17A	W/8" X 7-3/4" pipe, SA-53-B, Sch. 80
170	Surface blowoff 1-1/4" X 6-3/4" pipe, SA-106, Sch. 80
1.1	
N 96.7	
100	
-	
	C
1.000	
ate _ 24	Sept. 1986 Signed Stone Johnston Corp. by Jordan Ray
ate 24	September 1986
T	101
	Last Earlost Commissions alB-7607 MI-414

This form (E00074) may be obtained from the Order Dept., ASME, 345 E. 47th St., New York, N.Y. 10017.

