

INSPECTION REPORT-BOILERS
 NAVFAC 9-11014/41 (3/67)
 Supersedes NAVDOCKS 2544
 S/N 0105-LF-004-0000

DATE OF INSPECTION
5/15/1989

TYPE OF INSPECTION
 A INTERNAL & EXTERNAL B INTERNAL & EXTERNAL WITH PRESSURE TEST C OPERATIONAL

1. FROM **BASE MAINT. OFFICER
 CAMP LEJEUNE, N. C.**
 2. TO **NAVFACENGCOM
 NORFOLK, VA.**

14. CERTIFICATE ISSUED YES NO
 EXPIRE 5/15/1991
 15. BOILER INSPECTOR

Thomas L. Lanier
 NAVY OR NATIONAL BOARD NO.

NAVFAC 239
 16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER
INGERSOLL RAND (BRUNNER ENG CO.)

4. PROPERTY NO. <u>PV 192</u>	5. MFG. SERIAL NO. <u>497538</u>	6. MFG. MODEL NO. <u>NB. 28295C</u>
7. BUILDING NO. <u>NH-100</u>	8. YEAR BUILT <u>1981</u>	9. CAPACITY <u>17 CU. FT. VOL.</u>
10. FUEL (Check) <input type="checkbox"/> COAL <input type="checkbox"/> OIL <input type="checkbox"/> GAS	11. PRESSURE DESIGNED <u>200</u> psi OPERATING <u>125</u> psi TEST <u>300</u> psi	
12. FEED WATER TREATMENT <input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY	13. TYPE <input type="checkbox"/> WATER TUBE <input type="checkbox"/> FIRE TUBE <input type="checkbox"/> C. I.	

NAVFAC COPY

17. BOILER USE AIR-RECEIVER
 18. COMBUSTION CONTROL (Mfg. Name)
 19. COMBUSTION _____ % CO₂ _____ % EXCESS O₂
 20. FLUE GAS TEMPERATURE
 AFTER BOILER _____ °F ; AFTER HEAT TRAP _____ °F

**SAFETY DEVICES
 SAFETY VALVES**

21. MANUFACTURER <u>F.C. KINGSTON</u>	22. NUMBER AND SIZE <u>1-1/4"</u>	23. PSI SETTING <u>200</u>	24. CONDITION <u>SAT.</u>
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STEAM PRESSURE GAUGE

25. MANUFACTURER <u>U.S. GAUGE</u>	26. CORRECTIONS WATER LEG CONSTANT _____ psi; OTHER _____ psi
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27. REASON IF NOT TESTED

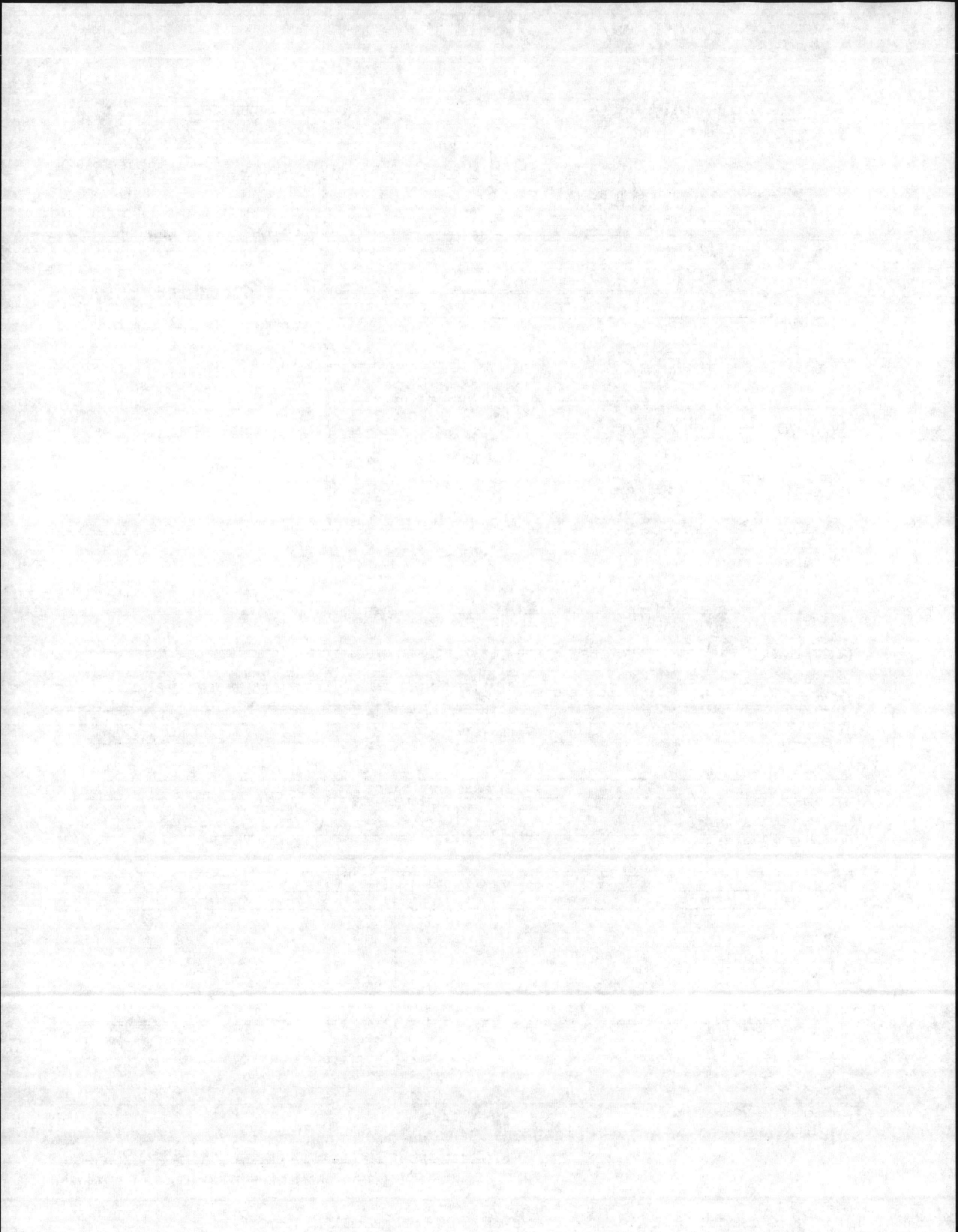
FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER		
29. TYPE		
30. FUEL GRADE		

31. INSPECTOR'S COMMENTS

OK
 32. ATTACHMENT(S) (Check)
 COPY OF INSPECTOR'S REPORT SPECIAL COMMENTS

33. SIGNATURE
J. D. Jewell
 BY DIRECTION



LOCATION	BLDG. NO.	REC. NO.	DATE
7 1/2 HP. ^{EA} (2) COMP (1) TANK	NH 100	PU 182	5-15-89

MANUFACTURED BY: Ingersoll Rand (BRUNNER TANK)

MFR. SER. NO. 497538	MFR. MODEL NO. TPTE 15	NATL. BRD. NO. 28295C
YEAR. BLT. 1981	DSG. PRESS. 200 psig	OPER. PRESS. 125
CAP. 17 cu. ft.	OVER ALL LGTH. 68"	DIA. 24"
	SHELL THK. .187	HEAD THK. .160
		WATER GAL. 12

PRESS. GAGE ^{45G} Trayice	PRESS. RANGE ^{0-300 psi} 0-110	SIZE 1/4"
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SV MFR. F.C. KINGSTON	SIZE 1/4	CAP. 114
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NO. 1	SET 200	OPEN 190	CLOSE
NO. 2	SET	OPEN	CLOSE
NO. 3	SET	OPEN	CLOSE

INSPECTION DATE	REMARKS
	P.O.C. TR RAINER 4909
05/15/89	HYDRO @ 300 PSI - GOOD
05/15/89	TESTED LOW OIL LEVEL SWITCH ON #1 COMP - OK
05/15/89	" " " " " " #2 " - OK
05/15/89	TESTED PRESS GAUGE GOOD AS PER TEST CHANGE.
05/15/89	TESTED S/V - GOOD @ 190 PSI
	INSTALLED (2) NEW 3/4" VALVES BETWEEN COMPRESSORS AND RECEIVER TANK.
	ISSUED CERT TO EXPIRE 5/15/91

LOCATION	BLDG. NO.	REC. NO.	DATE
	NH-100	PU-182	13 MAY-87

MANUFACTURED BY: BRUNNER ENG. CO
 INGERSOLL RAND (BUCKETE BUCKER CO.) 17 CU. FT. CAP.

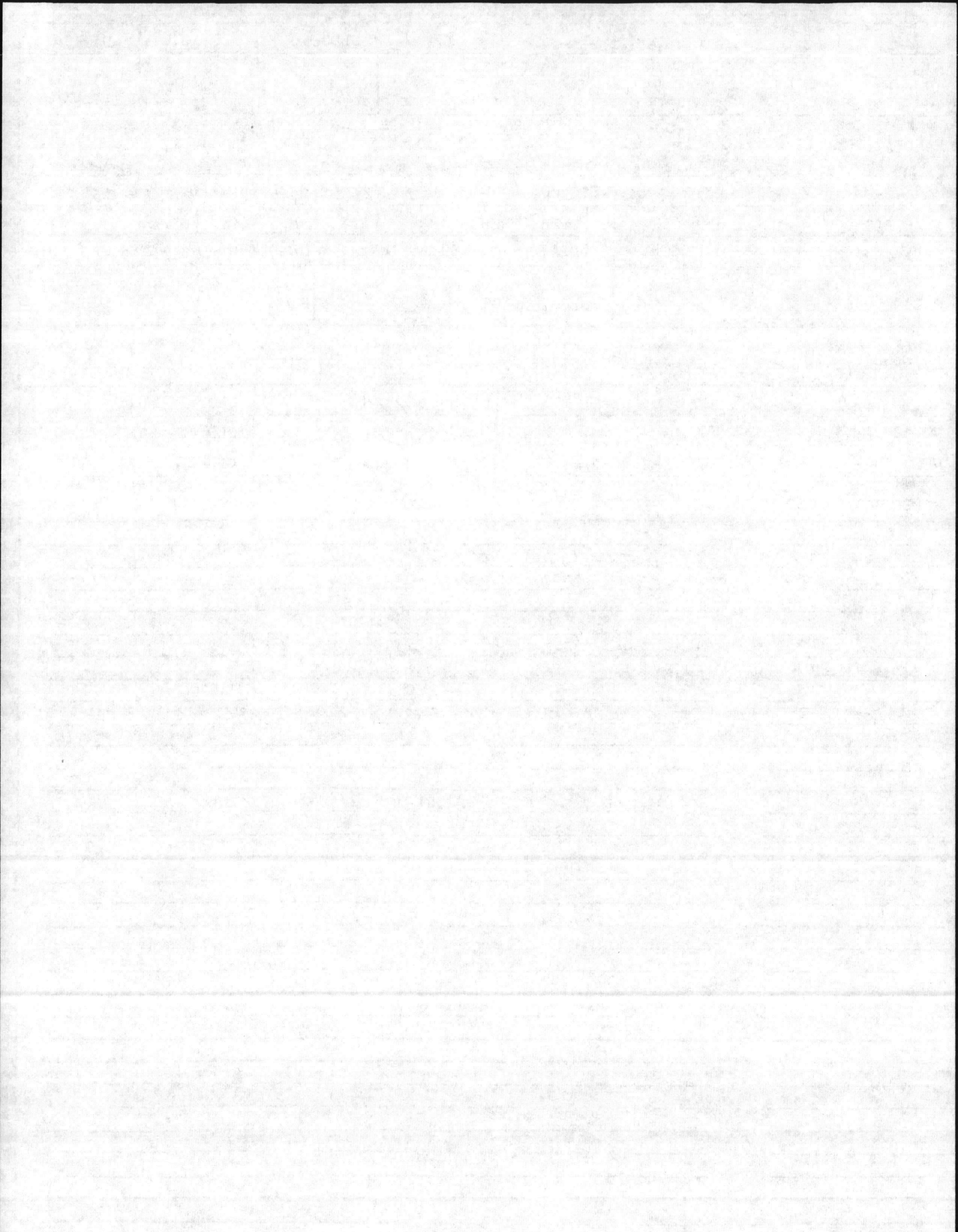
MFGR. SER. NO. 30T 497538	MFGR. MODEL NO. TPTE15	NATL. BRD. NO. 28295C
YEAR. BLT. 81	DSG. PRESS. 200	OPER. PRESS. 100
	MAX. TEMP. 450	TYPE
CAP. 17 CU. FT.	OVER ALL LGTH. 66	DIA. 24
	SHELL THK. .187	HEAD THK. .160
		WATER GAL. 120

PRESS. GAGE U.S. GAGE	PRESS. RANGE 0-300	SIZE 2 1/2
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SV MFGR. KINGSTON S1U5	SIZE 1/4"	CAP. 118 CFM
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NO. 1 TANK	SET 200	OPEN 180	CLOSE 100
NO. 2 #1 COMP. 1/4"	SET 260 151 CFM	OPEN OK	CLOSE SAT
NO. 3 #2 COMP. 1/4"	SET 260 151 CFM	OPEN OK	CLOSE SAT

INSPECTION DATE	REMARKS
13 MAY 87	SAFETY VALVE #2 UNIT - SAT
13 MAY 87	SAFETY VALVE #1 UNIT - SAT
13 MAY 87	SAFETY VALVE TANK - SAT
13 MAY-87	LOW OIL LEVEL #2 - BY HAND - SAT
13 MAY-87	LOW OIL LEVEL #1 - BY HAND - SAT
13 MAY-87	COMPAIRED AIR-PRESS GAGE WITH TEST GAGE - GOOD
	1. SECURE SAFETY GUARD ON #1 COMP.
	1 ISSUED CERT EXPIRE 13 MAY 1989



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 NAVFAC 9-11014/41 (3/67)
 Supersedes NAVDOCKS 2544
 S/N 0105-LF-004-0000

DATE OF INSPECTION
13 MAY 1987

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 A INTERNAL & EXTERNAL B INTERNAL & EXTERNAL WITH PRESSURE TEST C OPERATIONAL

1. FROM **BASE MAINT. OFFICER
 CAMP LEJEUNE, N. C.**
 2. TO **NAVFACENGCOM
 NORFOLK, VA**

14. CERTIFICATE ISSUED YES NO
 EXPIRE 13 MAY 1989
 15. BOILER INSPECTOR
Thomas L. Lanier
 NAVY OR NATIONAL BOARD NO.
NAVFAC 239
 16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER
INGERSOLL RAND (BRUNNER ENG. CO.)
 4. PROPERTY NO. PV-182 5. MFG. SERIAL NO. 30T 497538 6. MFG. MODEL NO. NB 28295C
 7. BUILDING NO. NH-100 8. YEAR BUILT 1981 9. CAPACITY 17 CU. FT. VOL.
 10. FUEL (Check)
 COAL OIL GAS
 11. PRESSURE
 DESIGNED 200 psi OPERATING 100 psi TEST 200 AIR. psi
 12. FEED WATER TREATMENT
 SATISFACTORY UNSATISFACTORY
 13. TYPE
 WATER TUBE FIRE TUBE C. I.

17. BOILER USE
AIR-RECEIVER
 18. COMBUSTION CONTROL (Mfg. Name)
 19. COMBUSTION
 _____ % CO₂ _____ % EXCESS O₂
 20. FLUE GAS TEMPERATURE
 AFTER BOILER _____ °F ; AFTER HEAT TRAP _____ °F

**SAFETY DEVICES
 SAFETY VALVES**

21. MANUFACTURER
KINGSTON
 22. NUMBER AND SIZE
1-1/4"
 23. PSI SETTING
200
 24. CONDITION
SAT.

STEAM PRESSURE GAUGE

25. MANUFACTURER
U.S. GAGE
 26. CORRECTIONS
 WATER LEG CONSTANT _____ psi; OTHER _____ psi
 27. REASON IF NOT TESTED

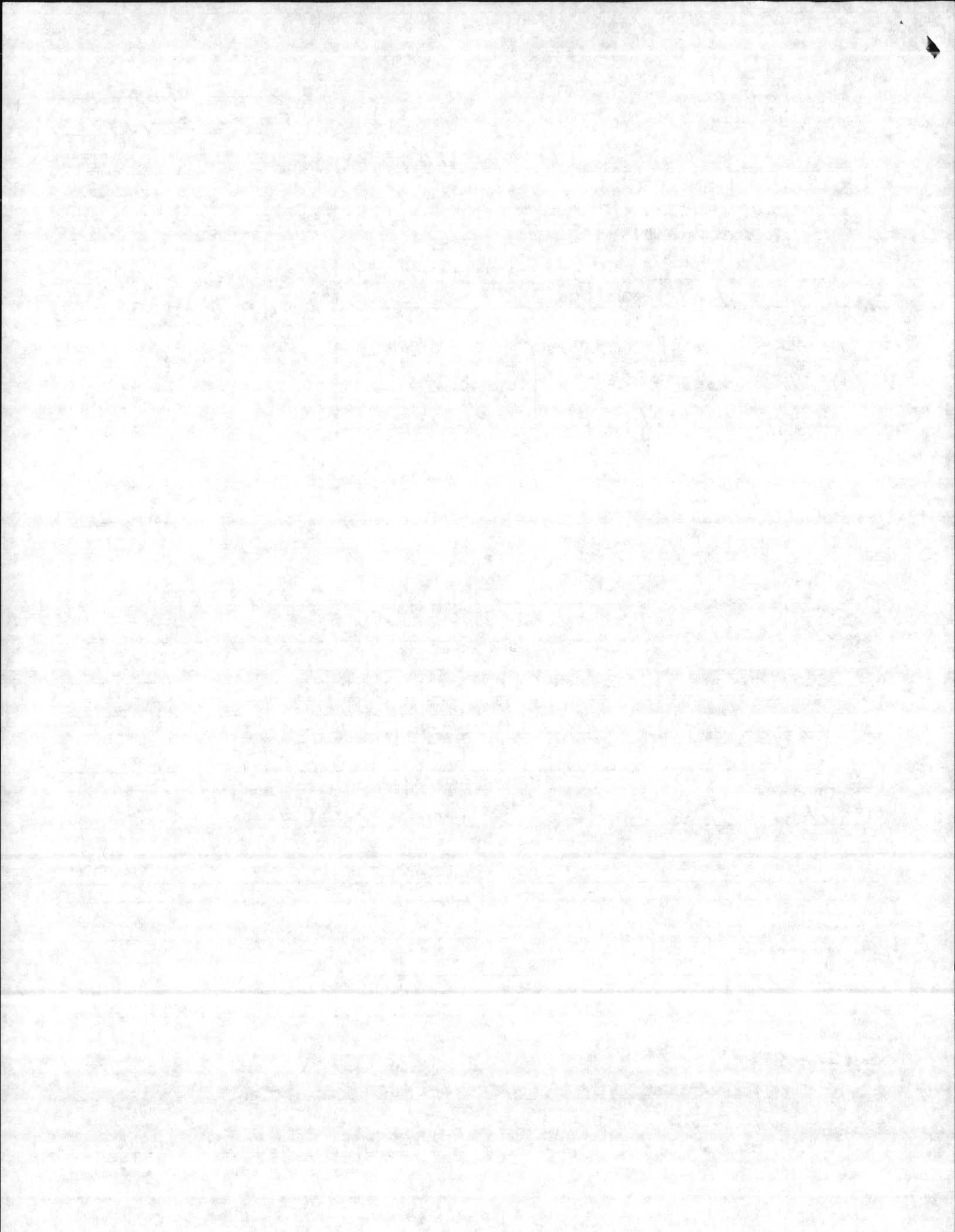
FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER		
29. TYPE		
30. FUEL GRADE		

31. INSPECTOR'S COMMENTS
START AND MAINTAIN P.M. LOG
SECURE SAFETY GUARD OVER U-BELTS

32. ATTACHMENT(S) (Check)
 COPY OF INSPECTOR'S REPORT SPECIAL COMMENTS

33. SIGNATURE
Timothy Jewell 5/18/87
 BY DIRECTION



MFGRS. SERIAL NO. 30T 497538	MFGRS. MODEL NO. N.B. 28295C	MANUFACTURER INGERSOLL RAND (BRUNNER ENG. CO.)	DATE OF SHEET 19 MAY 1987
TYPE OF SUPERHEATER	FURNACE VOLUME 17 CU. FT. CU. FT.	OPERATION <input type="checkbox"/> AUTOMATIC <input type="checkbox"/> SEMI-AUTOMATIC <input type="checkbox"/> MANUAL	USE <input type="checkbox"/> EXPORT <input type="checkbox"/> ELEC. POWER GENERATION <input type="checkbox"/> LAID UP - WET <input type="checkbox"/> LAID UP - DRY
TEMPERATURE AT SUPERHEATER OUTLET _____ °F	HEATING SURFACE (SQ. FT.)	PRESSURE (psig) 200 DESIGN _____ MAWP 100 INSTALLED WP	DATE BUILT 1981
NORMAL FEEDWATER TEMPERATURE _____ °F	BOILER _____ WATER WALL _____ ECONOMIZER _____ SUPERHEATER _____	CAPACITY _____ HP _____ LB./HR _____ EDR _____ BTU/HR.	DATE INSTALLED 1982
(See Reverse Side for Fittings)	DRUMS NO. _____ DIAMETER _____ IN. LENGTH _____ FT. _____ IN. <input type="checkbox"/> RIVETED <input type="checkbox"/> FORGE WELDED <input type="checkbox"/> FUSION WELDED	AIR HEATER <input type="checkbox"/> NONE <input type="checkbox"/> TUBULAR <input type="checkbox"/> REGENERATIVE <input type="checkbox"/> STEAM	BOILER TYPE <input type="checkbox"/> C.I. <input type="checkbox"/> WATER TUBE <input type="checkbox"/> FIRE TUBE
			DRAFT <input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED <input type="checkbox"/> INDUCED
			PRODUCES <input type="checkbox"/> STEAM <input type="checkbox"/> LOW TEMP. WATER <input type="checkbox"/> HIGH TEMP. WATER
			CIRCULATION <input type="checkbox"/> NATURAL <input type="checkbox"/> FORCED

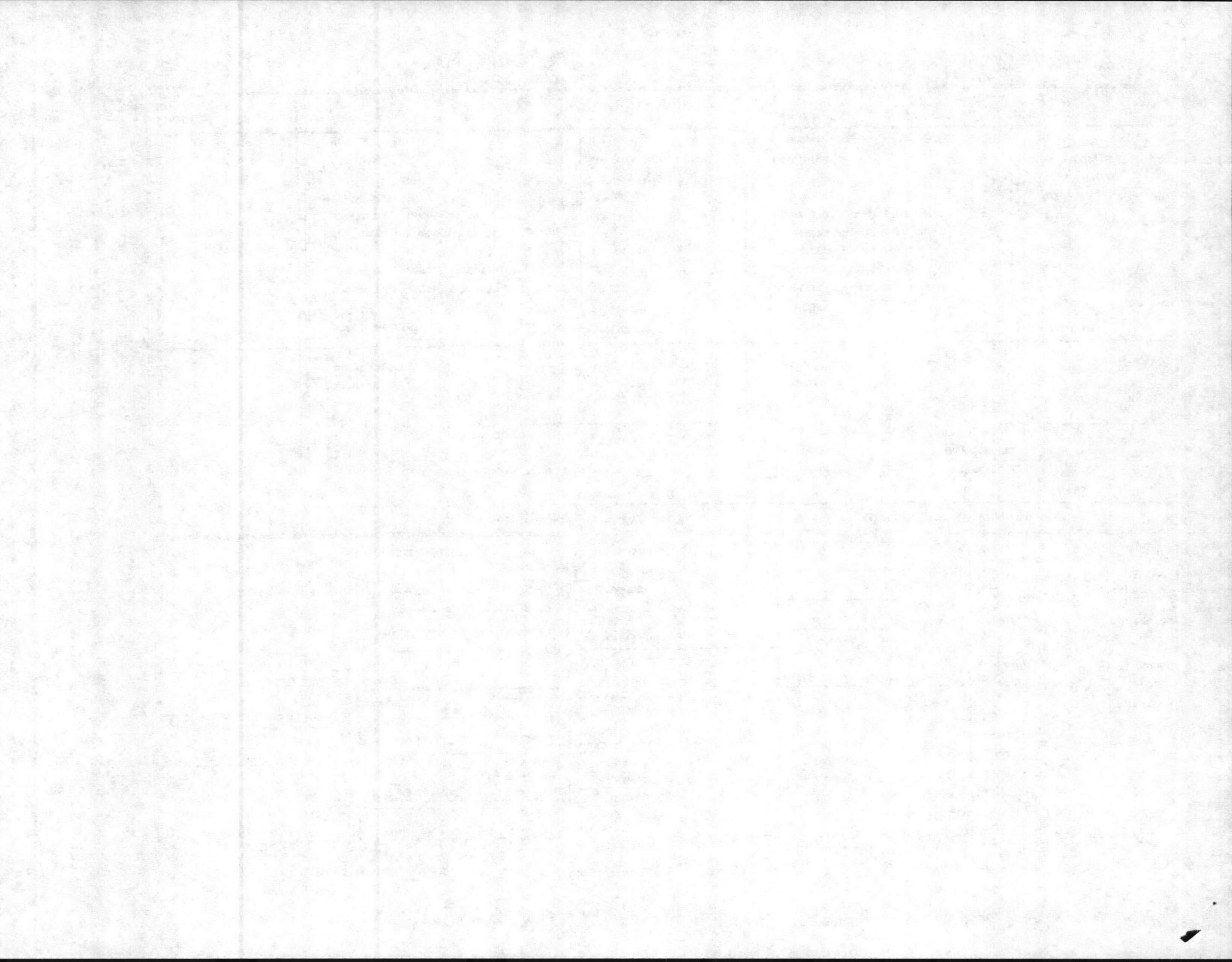
	FUEL & FIRING EQUIPMENT IN SERVICE	ALTERNATE FUEL & FIRING EQUIPMENT
FUEL	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS
	GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED
	OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY <input type="checkbox"/> OTHER _____	OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY SPECIAL <input type="checkbox"/> OTHER _____

	FUEL & FIRING EQUIPMENT IN SERVICE	ALTERNATE FUEL & FIRING EQUIPMENT
FIRING EQUIPMENT	<input type="checkbox"/> COAL-HAND FIRED <input type="checkbox"/> COAL - STOKER <input type="checkbox"/> UNDERFEED - MULTIPLE RETORT <input type="checkbox"/> UNDERFEED - SINGLE RETORT <input type="checkbox"/> SPREADER - DUMP GRATE <input type="checkbox"/> SPREADER - VIBRATING GRATE <input type="checkbox"/> SPREADER - TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE <input type="checkbox"/> GAS <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE	<input type="checkbox"/> COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR <input type="checkbox"/> OIL BURNERS <input type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP
		<input type="checkbox"/> COL-HAND FIRED <input type="checkbox"/> COAL - STOKER <input type="checkbox"/> UNDERFEED - MULTIPLE RETORT <input type="checkbox"/> UNDERFEED - SINGLE RETORT <input type="checkbox"/> SPREADER - DUMP GRATE <input type="checkbox"/> SPREADER - VIBRATING GRATE <input type="checkbox"/> SPREADER - TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE <input type="checkbox"/> GAS <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE
		<input type="checkbox"/> COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR <input type="checkbox"/> OIL BURNERS <input type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP
		<input type="checkbox"/> COL-HAND FIRED <input type="checkbox"/> COAL - STOKER <input type="checkbox"/> UNDERFEED - MULTIPLE RETORT <input type="checkbox"/> UNDERFEED - SINGLE RETORT <input type="checkbox"/> SPREADER - DUMP GRATE <input type="checkbox"/> SPREADER - VIBRATING GRATE <input type="checkbox"/> SPREADER - TRAVELING GRATE <input type="checkbox"/> CHAIN GRATE <input type="checkbox"/> GAS <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE

FIRING EQUIPMENT MANUFACTURER	
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PROPERTY NO. PV-182	BUILDING OR LOCATION NH-100	BOILER	ACTIVITY NAVAL HOSPITAL MCBCL
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DATA RECORD SHEET - BOILERS
 NAVFAC 9-11014/40 (9-69) Supersedes NAVDOCS 2509
 S/N 0105-003-7010



FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1/4"	KINGSTON		200		
STEAM OUTLET VALVES							
BLOW-OFF VALVES							
FEEDWATER VALVES							
WATER COLUMN							
FEEDWATER REGULATOR							
WATER GAGES							
AIR STEAM GAGES	1	2 1/2"	U.S. GAGE			0-300	
SOOT BLOWERS							
FUSIBLE PLUGS							

