

INSPECTION REPORT-BOILERS

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

DATE OF INSPECTION

28 AUG 1978

TYPE OF INSPECTION

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

1. FROM

BASE MAINT OFFICER CAMP LETELLE N.C.

2. TO

Commandant Hdqtrs MARINE CORPS (CODE LFF)

BOILER DATA

3. MANUFACTURER

BURNHAM

4. PROPERTY NO.

90

5. MFG. SERIAL NO.

8859

6. MFG. MODEL NO.

FLU-154-45 LB

7. BUILDING NO.

FL 260

8. YEAR BUILT

1975

9. CAPACITY

1,145,000 BTU/HR

10. FUEL (Check)

COAL  OIL  GAS

11. PRESSURE

DESIGNED

30 psi

OPERATING

12 psi

TEST

45 psi

12. FEED WATER TREATMENT

SATISFACTORY  UNSATISFACTORY

13. TYPE

WATER TUBE  FIRE TUBE  C. I.

14.

CERTIFICATE ISSUED  YES  NO

EXPIRES 26 JAN 1979

15. BOILER INSPECTOR

James L. Sellen  
NAVY OR NATIONAL BOARD NO.

NAVFAC 225

16. REASON FOR NOT ISSUING CERTIFICATE

17. BOILER USE

HEATING

18. COMBUSTION CONTROL (Mfg. Name)

HONEYWELL

19. COMBUSTION

20. FLUE GAS TEMPERATURE

% CO<sub>2</sub>

% EXCESS O<sub>2</sub>

AFTER BOILER \_\_\_\_\_ °F : AFTER HEAT TRAP \_\_\_\_\_ °F

SAFETY DEVICES

SAFETY VALVES

21. MANUFACTURER

WATTS

22. NUMBER AND SIZE

1-1/4"

23. PSI SETTING

30

24. CONDITION

—

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	PEABODY-GORDON & PLATT	NONE
29. TYPE	NOZZLE SPRAY - PRESS ATOM	
30. FUEL GRADE	#2	

31. INSPECTOR'S COMMENTS

REPLACED ALTITUDE GAGE - OK

32. ATTACHMENT(S) (Check)

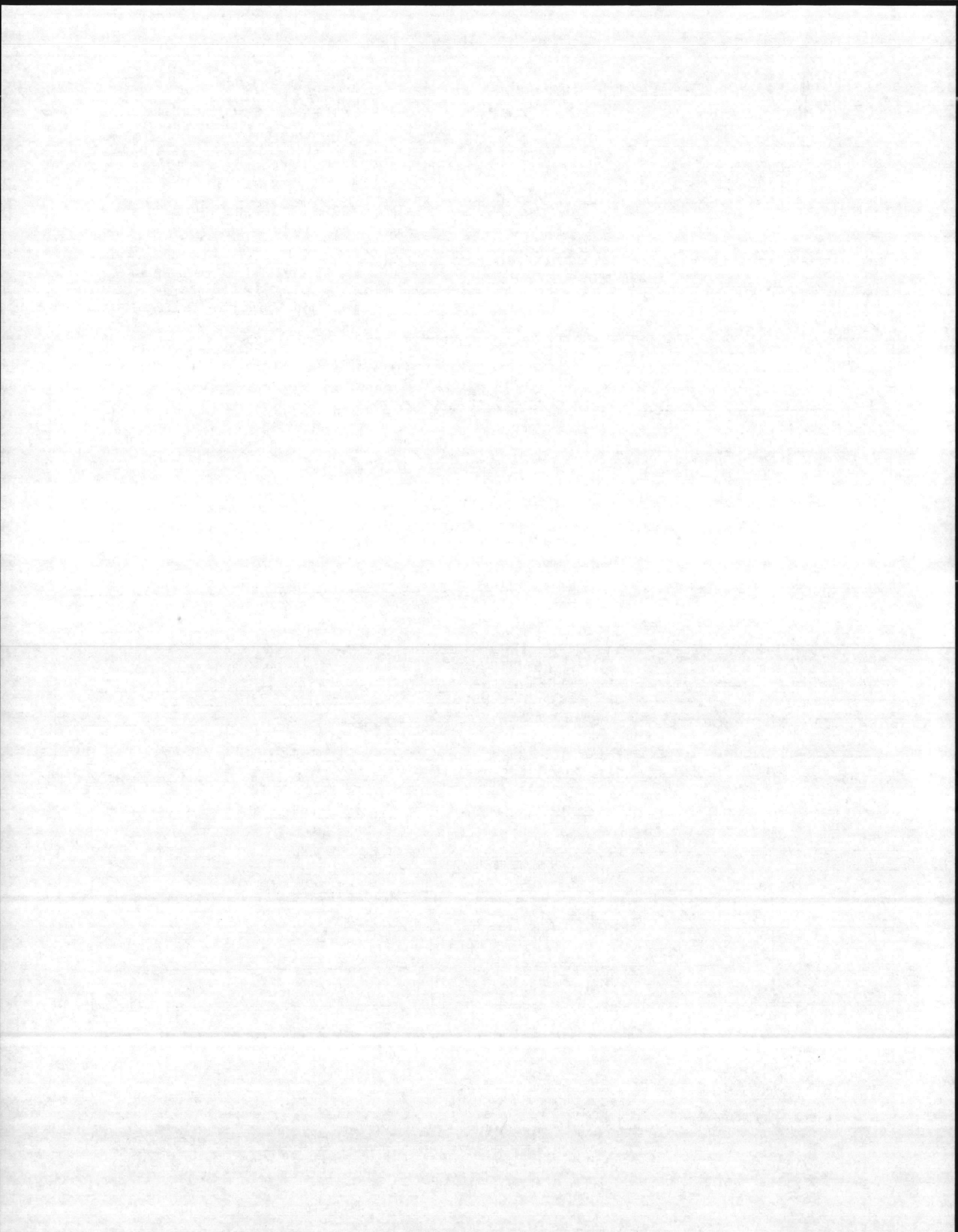
COPY OF INSPECTOR'S REPORT

SPECIAL COMMENTS

33. SIGNATURE

R.W. Sellen

BY DIRECTION



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

DATE OF INSPECTION  
 9-14 thru 1-26-78

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

1. FROM  
 BASE MAINT OFFICER, CAMP LEJEUNE, N.C.

14. CERTIFICATE ISSUED  YES  NO  
 EXPIRES 9-14-78  
 15. BOILER INSPECTOR

2. TO  
 COMMANDANT HDBTRS MARINE CORPS (CODE LFF)

E.O. Mobley  
 NAVY OR NATIONAL BOARD NO.

**BOILER DATA**

3. MANUFACTURER  
 BURNHAM

NAV FAC 101  
 16. REASON FOR NOT ISSUING CERTIFICATE

4. PROPERTY NO. 90	5. MFG. SERIAL NO. 8859	6. MFG. MODEL NO. FW-154-45 LB
7. BUILDING NO. PMA LOFT	8. YEAR BUILT 1975	9. CAPACITY 1,145,000 BTU/HR

10. FUEL (Check)  
 COAL  OIL  GAS

11. PRESSURE  
 DESIGNED 30 psi OPERATING 12 psi TEST psi

12. FEED WATER TREATMENT  
 SATISFACTORY  UNSATISFACTORY

13. TYPE  
 WATER TUBE  FIRE TUBE  C. I.

17. BOILER USE  
 HEATING

19. COMBUSTION  
 10.5 % CO<sub>2</sub> % EXCESS O<sub>2</sub>

18. COMBUSTION CONTROL (Mfg. Name)  
 HONEYWELL

20. FLUE GAS TEMPERATURE  
 AFTER BOILER 425 °F ; AFTER HEAT TRAP °F

**SAFETY DEVICES**  
**SAFETY VALVES**

21. MANUFACTURER WATTS	22. NUMBER AND SIZE 1-1/4"	23. PSI SETTING 30	24. CONDITION GOOD
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**STEAM PRESSURE GAUGE**

25. MANUFACTURER  
 U.S. GAGE

26. CORRECTIONS  
 WATER LEG CONSTANT psi; OTHER psi

27. REASON IF NOT TESTED

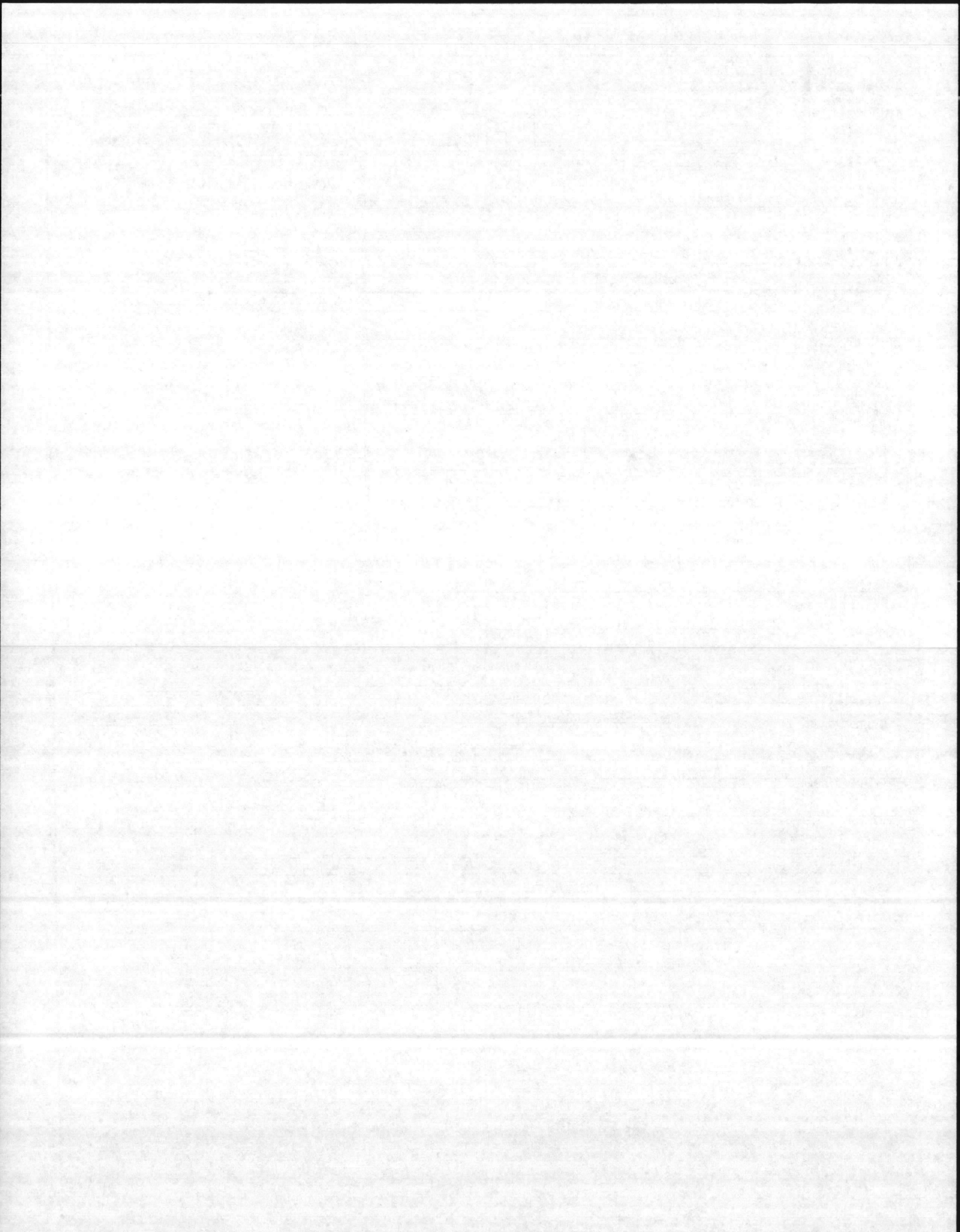
**FIRING EQUIPMENT**

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	PEABODY-GORDON + PIATT	NONE
29. TYPE	NOZZLE SPRAY	
30. FUEL GRADE	# 2	

31. INSPECTOR'S COMMENTS

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

33. SIGNATURE  
 R.M. Dillon  
 BY DIRECTION



DATE OF INSPECTION  
 8-24/9-13-76

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

1. FROM  
 2. TO  
 Base Maint Officer Camp Lejeune NC.

14. CERTIFICATE ISSUED  YES  NO  
 Expires 8-24-77  
 15. BOILER INSPECTOR

Commandant Hydro Machine Corps (Code 101)

ED Mahley  
 NAVY OR NATIONAL BOARD NO.

BOILER DATA

3. MANUFACTURER  
 Bunnham

4. PROPERTY NO. 90  
 5. MFG. SERIAL NO. 8859  
 6. MFG. MODEL NO. FW-154-45-LB

7. BUILDING NO. PARADET  
 8. YEAR BUILT 1975  
 9. CAPACITY 1,145,000 BTU/HK

10. FUEL (Check)  
 COAL  OIL  GAS

11. PRESSURE  
 DESIGNED 30 psi  
 OPERATING 12 psi  
 TEST 45 psi

12. FEED WATER TREATMENT  
 SATISFACTORY  UNSATISFACTORY

13. TYPE  
 WATER TUBE  FIRE TUBE  C. I.

NAV FDC 101  
 16. REASON FOR NOT ISSUING CERTIFICATE

17. BOILER USE  
 Heating

19. COMBUSTION  
 — % CO<sub>2</sub> — % EXCESS O<sub>2</sub>

18. COMBUSTION CONTROL (Mfg. Name)  
 Honeywell

20. FLUE GAS TEMPERATURE  
 AFTER BOILER — °F ; AFTER HEAT TRAP — °F

SAFETY DEVICES  
 SAFETY VALVES

21. MANUFACTURER  
 Watts

22. NUMBER AND SIZE  
 1-1/4"

23. PSI SETTING  
 30

24. CONDITION  
 New

STEAM PRESSURE GAUGE

25. MANUFACTURER  
 U.S. Gage

26. CORRECTIONS  
 WATER LEG CONSTANT — psi; OTHER — psi

27. REASON IF NOT TESTED

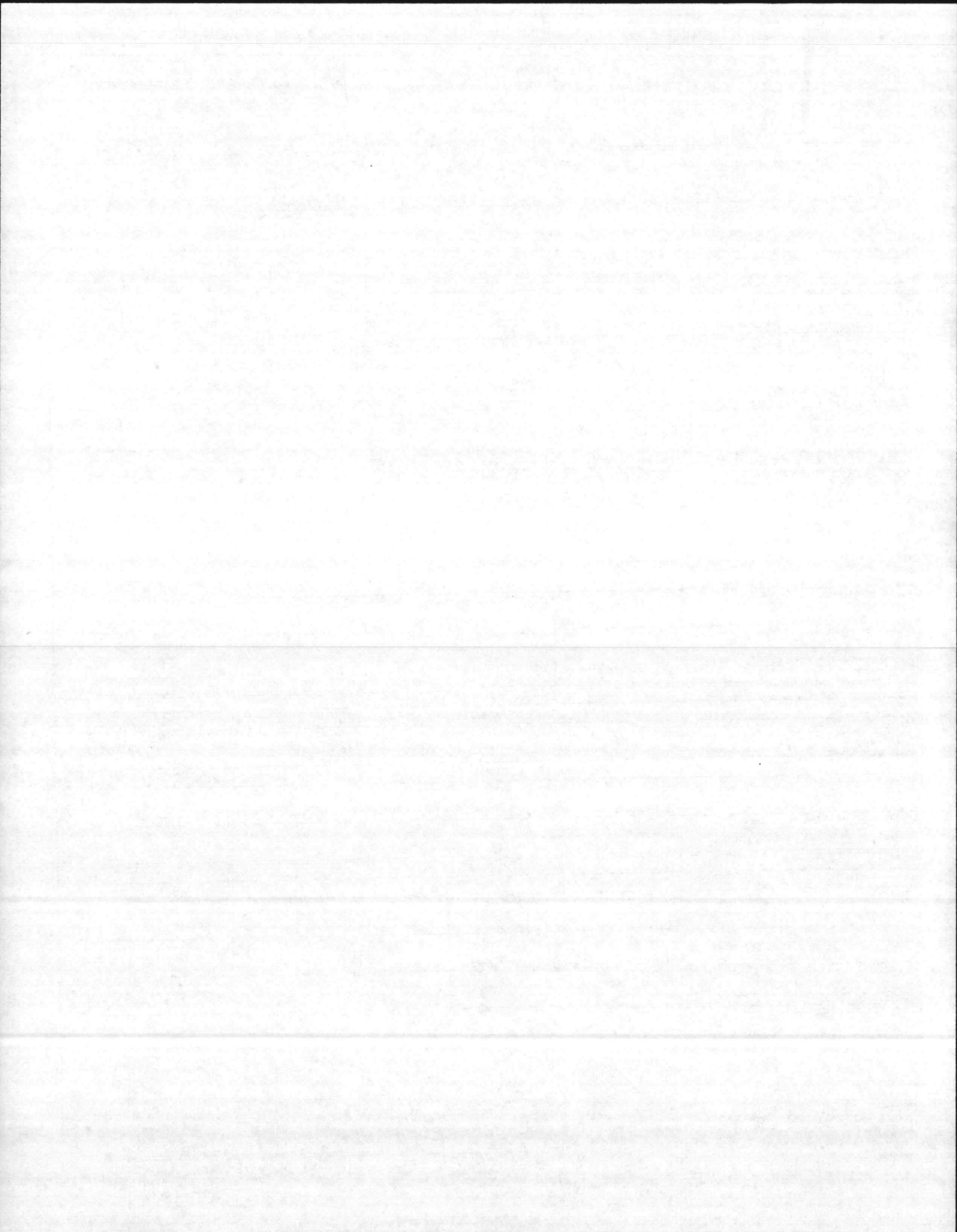
FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	Perbody Gordon & Piatt	None
29. TYPE	Nozzle spray press atom.	
30. FUEL GRADE	#2	
31. INSPECTOR'S COMMENTS		

Calibrate or Replace PTP Gage

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

33. SIGNATURE  
 Daniel L. White  
 BY DIRECTION



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

DATE OF INSPECTION  
*9-23-75*

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

1. FROM  
*Base MAINT. OFFICER Camp Lejeune NC.*  
 2. TO  
*Commandant Adytras Marine Corps Codelife*

14. CERTIFICATE ISSUED  YES  NO  
 EXPIRES - *8-23-76*  
 15. BOILER INSPECTOR  
*E.O. Maly*  
 NAVY OR NATIONAL BOARD NO.  
*NAV FAC 101*

**BOILER DATA**

3. MANUFACTURER  
*BURNHAM*

4. PROPERTY NO. <i>90</i>	5. MFG. SERIAL NO. <i>8859</i>	6. MFG. MODEL NO. <i>FW-154-45 LB</i>
7. BUILDING NO. <i>COALLET</i>	8. YEAR BUILT <i>1975</i>	9. CAPACITY <i>1,145,000 BTU/HR</i>
10. FUEL (Check) <input type="checkbox"/> COAL <input checked="" type="checkbox"/> OIL <input type="checkbox"/> GAS		11. PRESSURE DESIGNED <i>30</i> psi OPERATING <i>12</i> psi TEST <i>45</i> psi
12. FEED WATER TREATMENT <input type="checkbox"/> SATISFACTORY <input type="checkbox"/> UNSATISFACTORY		13. TYPE <input type="checkbox"/> WATER TUBE <input checked="" type="checkbox"/> FIRE TUBE <input type="checkbox"/> C. I.

16. REASON FOR NOT ISSUING CERTIFICATE

17. BOILER USE  
*Heating*

18. COMBUSTION CONTROL (Mfg. Name)  
*Honeywell*

19. COMBUSTION  
*5.5* % CO<sub>2</sub> \_\_\_\_\_ % EXCESS O<sub>2</sub>

20. FLUE GAS TEMPERATURE  
 AFTER BOILER *300* °F ; AFTER HEAT TRAP \_\_\_\_\_ °F

**SAFETY DEVICES**  
**SAFETY VALVES**

21. MANUFACTURER <i>A Cash</i>	22. NUMBER AND SIZE <i>1-1/4"</i>	23. PSI SETTING <i>30</i>	24. CONDITION <i>Good</i>
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**STEAM PRESSURE GAUGE**

25. MANUFACTURER  
*U.S. Gauge*

26. CORRECTIONS  
 WATER LEG CONSTANT \_\_\_\_\_ psi; OTHER \_\_\_\_\_ psi

27. REASON IF NOT TESTED

**FIRING EQUIPMENT**

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	<i>Peabody Gordon Flint</i>	<i>None</i>
29. TYPE	<i>Nozzle Spray</i>	
30. FUEL GRADE	<i>#2</i>	

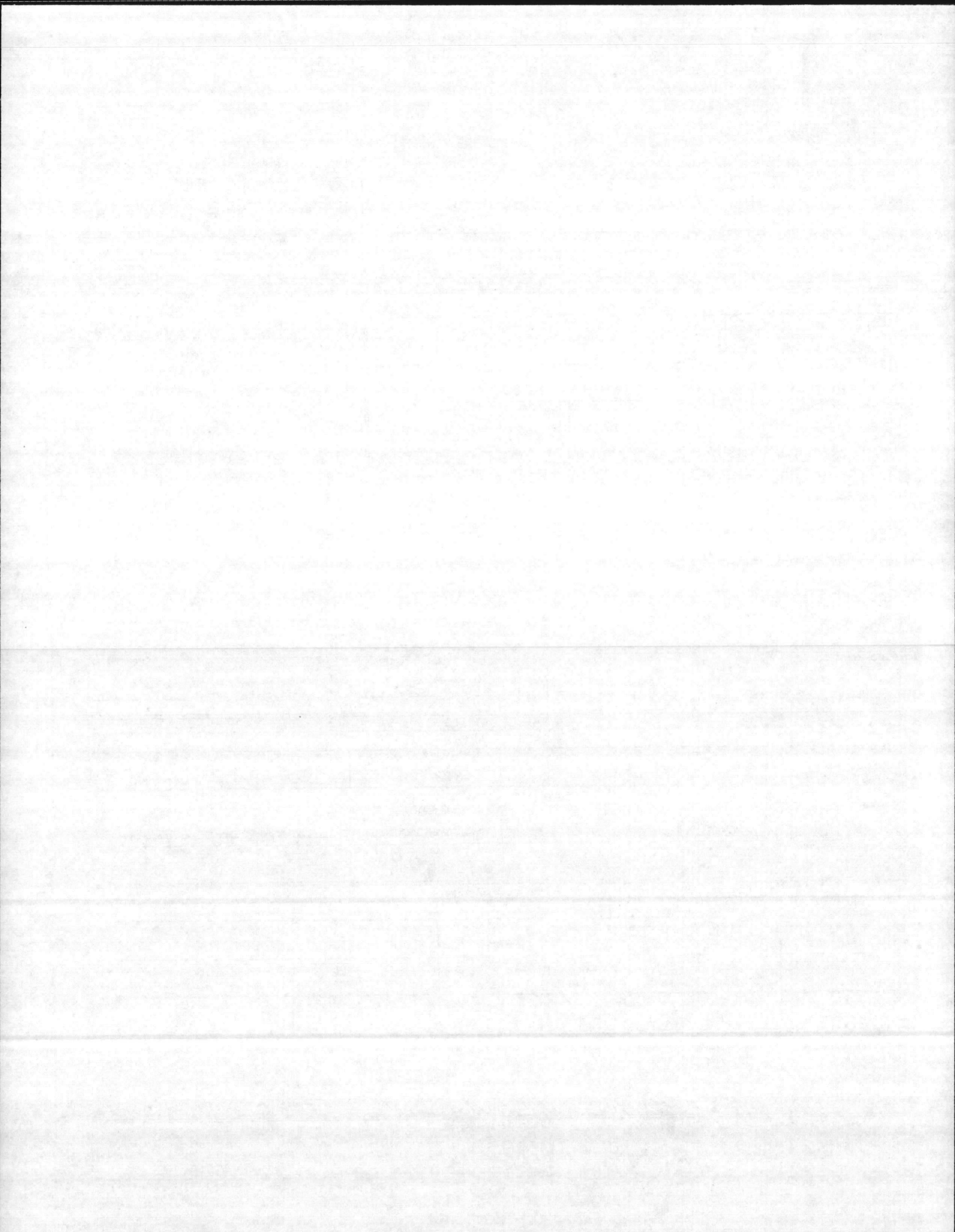
31. INSPECTOR'S COMMENTS

*OK.*

*This is a New Boiler installation*

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

33. SIGNATURE  
 BY DIRECTION





MFGRS. SERIAL NO.

8859

MFGRS. MODEL NO.

FW-154-45 1b

MANUFACTURER

Burnham

DATE OF SHEET

16 Sep 1975

TYPE OF SUPERHEATER

FURNACE VOLUME

CU. FT.

OPERATION

USE

DATE BUILT

HEATING SURFACE (SQ. FT.)

- AUTOMATIC  
 SEMI-AUTOMATIC  
 MANUAL

- EXPORT  
 ELEC. POWER GENERATION  
 LAID UP - WET  
 LAID UP - DRY

DATE INSTALLED

TEMPERATURE AT SUPERHEATER OUTLET

BOILER 145

WATER WALL

ECONOMIZER

SUPERHEATER

PRESSURE (psig)

30 DESIGN

30 MAWP

12 INSTALLED WP

CAPACITY

34.2 HP

1145 LB./HR

EDR

1,145,000 BTU/HR.

BOILER

TYPE

DRAFT

- C.I.  
 WATER TUBE  
 FIRE TUBE
- NATURAL  
 FORCED  
 INDUCED

PRODUCES

CIRCULATION

- STEAM  
 LOW TEMP. WATER  
 HIGH TEMP. WATER
- NATURAL  
 FORCED

NORMAL FEEDWATER TEMPERATURE

80 °F

(See Reverse Side for Fittings)

DRUMS

NO. N.A.

DIAMETER IN.

LENGTH FT. IN.

- RIVETED  
 FORGE WELDED  
 FUSION WELDED

AIR HEATER

- NONE  
 TUBULAR  
 REGENERATIVE  
 STEAM

FUEL & FIRING EQUIPMENT IN SERVICE

ALTERNATE FUEL & FIRING EQUIPMENT

FUEL

COAL

- ANTHRACITE  
 BITUMINOUS

OIL

- COMMERCIAL 1, 2, 4, 5, 6  
 NAVY  
 OTHER

GAS

- NATURAL  
 MANUFACTURED

COAL

- ANTHRACITE  
 BITUMINOUS

OIL

- COMMERCIAL 1, 2, 4, 5, 6  
 NAVY SPECIAL  
 OTHER None

GAS

- NATURAL  
 MANUFACTURED

FIRING EQUIPMENT

- COAL - HAND FIRED  
 COAL - STOKER  
 UNDERFEED - MULTIPLE RETORT  
 UNDERFEED - SINGLE RETORT  
 SPREADER - DUMP GRATE  
 SPREADER - VIBRATING GRATE  
 SPREADER - TRAVELING GRATE  
 CHAIN GRATE  
 GAS  
 GAS RING  
 VENTURI TYPE

COAL - PULVERIZER

- ATTRITION  
 BALL & RACE  
 BOWL MILL  
 TUBULAR

OIL BURNERS

- MECHANICAL  
 STEAM ATOMIZED  
 AIR ATOMIZED  
 ROTARY CUP

COL - HAND FIRED

- COL - STOKER  
 UNDERFEED - MULTIPLE RETORT  
 UNDERFEED - SINGLE RETORT  
 SPREADER - DUMP GRATE  
 SPREADER - VIBRATING GRATE  
 SPREADER - TRAVELING GRATE  
 CHAIN GRATE  
 GAS  
 GAS RING  
 VENTURI TYPE

COAL - PULVERIZER

- ATTRITION  
 BALL & RACE  
 BOWL MILL  
 TUBULAR

OIL BURNERS

- MECHANICAL  
 STEAM ATOMIZED  
 AIR ATOMIZED  
 ROTARY CUP

FIRING EQUIPMENT MANUFACTURER

Peabody Gordon Piatt

PROPERTY NO.

90

BUILDING OR LOCATION

PARA Loft

ACTIVITY

BOILER

USMC

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1 1/4	Watts	Press Relief	30		
STEAM OUTLET VALVES	2	3 & 1 1/2	Milwaukee	Gate			125
BLOW-OFF VALVES	1	1 1/2	Nibco Scott	Gate			125
FEEDWATER VALVES	1	3/4	Nibco Scott	Gate			125
WATER COLUMN	N.A.						
FEEDWATER REGULATOR	1	3/4	Taco	Press Regulator			12
WATER GAGES							
STEAM GAGES	1	4"	U. S. Gauge	P.T.A.		0-50	
SOOT BLOWERS	NA						
FUSIBLE PLUGS	NA						

McDonnell Miller No. 764  
2-3 gals ea  
F.O. Tank - 2,000 gals