

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

DATE OF INSPECTION

16 AUG 1979

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 NAVFACENCOM  
 NORFOLK, VA

14. CERTIFICATE ISSUED  YES  NO  
 EXPIRES 16 AUG 1981

15. BOILER INSPECTOR

*Jesse L. Sellen*  
 NAVY OR NATIONAL BOARD NO

NAUFAC 225

16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER

CURTIS

4. PROPERTY NO.

PV-27

5. MFG. SERIAL NO.

130 249

6. MFG. MODEL NO.

NB-94173

7. BUILDING NO.

1107

8. YEAR BUILT

1963

9. CAPACITY

16 CU.-FT. VOLUME

10. FUEL (Check)

COAL  OIL  GAS

11. PRESSURE

DESIGNED 200 psi

OPERATING 130 psi

TEST 185 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

% CO<sub>2</sub> % EXCESS O<sub>2</sub>

20. FLUE GAS TEMPERATURE

AFTER BOILER °F : AFTER HEAT TRAP °F

SAFETY DEVICES

SAFETY VALVES

21. MANUFACTURER

CURTIS

22. NUMBER AND SIZE

1-3/8"

23. PSI SETTING

185

24. CONDITION

GOOD

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 & MAINTAIN PM LOG-

32. ATTACHMENT(S) (Check)

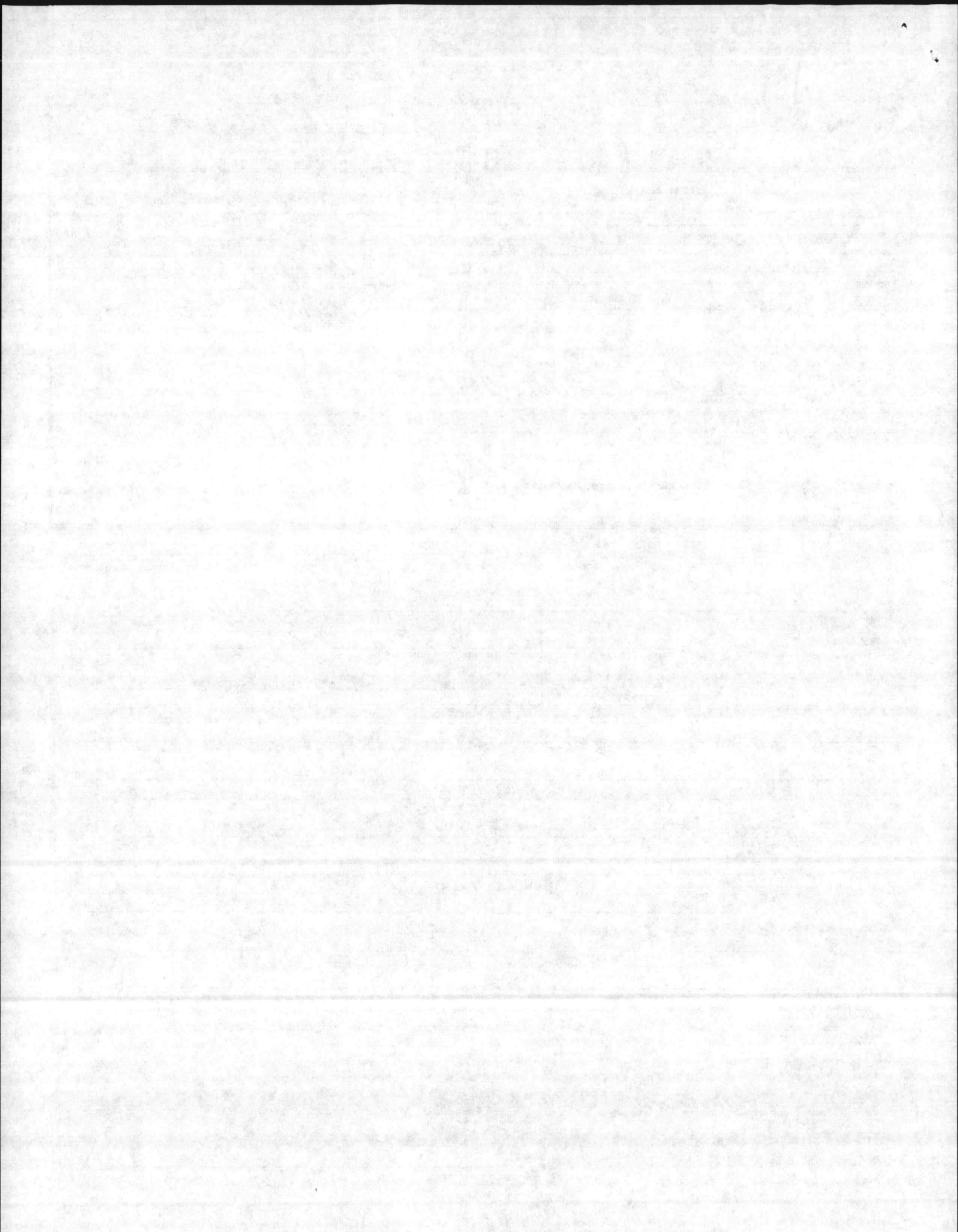
COPY OF INSPECTOR'S REPORT

SPECIAL COMMENTS

33. SIGNATURE

*R.W. Sellen*

BY DIRECTION

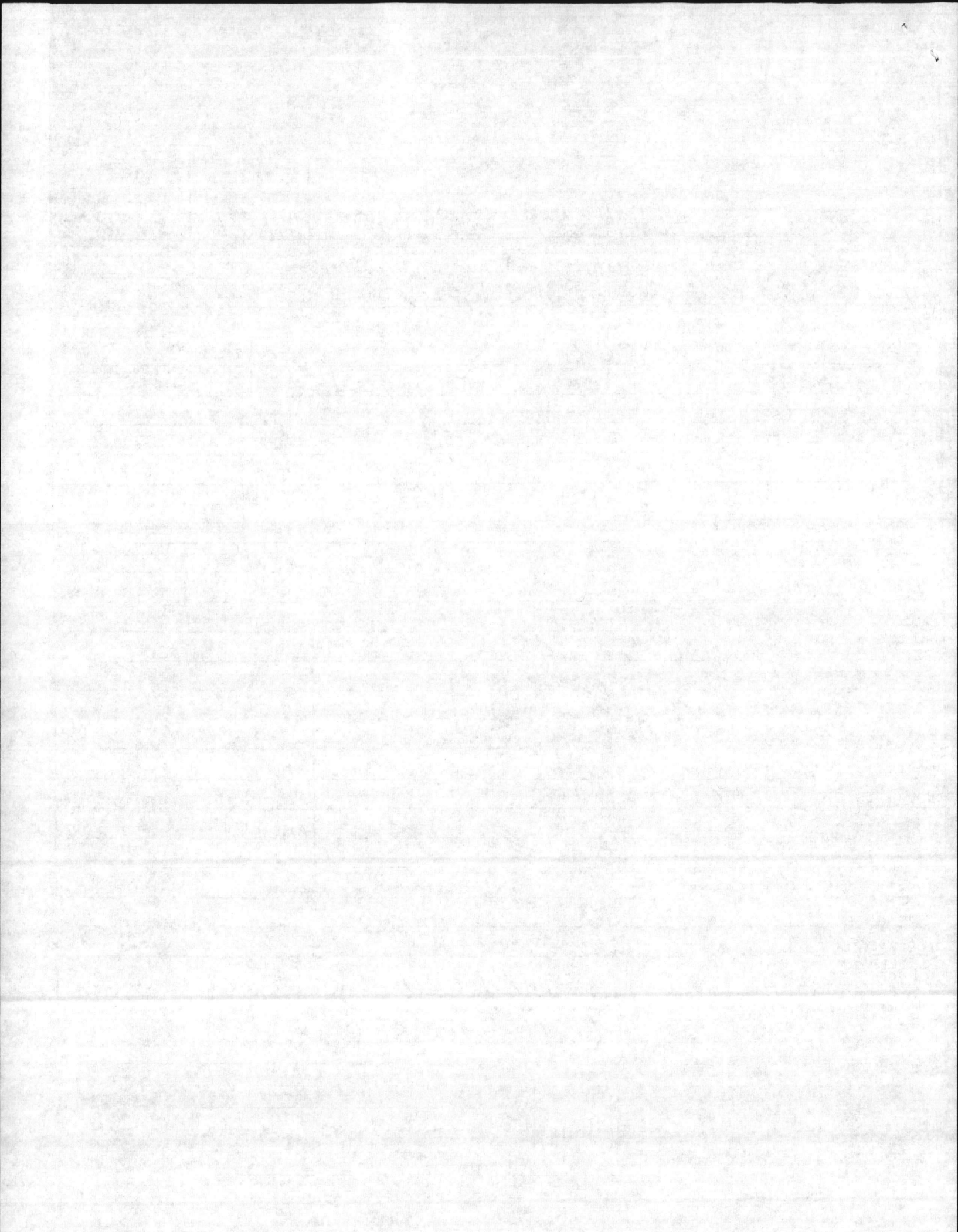


BOILER INSPECTION CHECK LIST

| LOCATION                 |                 | BLDG NO.             | BOILER NO.        | DATE        |
|--------------------------|-----------------|----------------------|-------------------|-------------|
| M C BEL Hobby Shop 400°  |                 | 1107                 | PU 27             | 16 AUG 79   |
| BOILER MFG. CURTIS       |                 | OPERATING PRESS. 130 | DESIGN PRESS. 200 | CAP. 16 CFU |
| SERIAL NO. 130249        |                 | MODEL NO. HSB 130249 | N.B. NO. 94173    |             |
| BURNER MFG.              |                 | FIRING RATE:         |                   |             |
| STEAM GAGE NAME: US GAGE |                 | PRESS. 0-200         | TEST OK           |             |
| SV MFG. CURTIS           |                 | CAP                  | NO. 1             | SIZE 3/8"   |
| NO. 1                    | SET 185         | OPEN 185             | CLOSE 90          |             |
| NO. 2                    | SET             | OPEN                 | CLOSE             |             |
| NO. 3                    | SET             | OPEN                 | CLOSE             |             |
| CO2%                     | 02%             | STACK TEMP           | COMB. EFF.        | PURGE TIME  |
| NO. 1 FIREYE             | C/O             |                      |                   | A/L         |
| NO. 2 FIREYE             | C/O             |                      |                   | A/L         |
| HI-STEAM TEMP.           | C/O             | EXP - 16 Aug 81      |                   | A/L         |
| EXCESS STEAM TEMP.       | C/O             |                      |                   | A/L         |
| HI OIL TEMP.             | C/O             |                      |                   | A/L         |
| HI OIL PRESS.            | C/O             |                      |                   | A/L         |
| LO OIL TEMP.             | C/O             |                      |                   | A/L         |
| LO OIL PRESS.            | C/O             |                      |                   | A/L         |
| LO ATOM AIR/STEAM        | C/O             |                      |                   | A/L         |
| NO. 1 LW                 | C/O             |                      |                   | A/L         |
| NO. 2 LW                 | C/O             |                      |                   | A/L         |
| LO FURNACE DRAST         | C/O             |                      |                   | A/L         |
| LO FIRE START            | C/O             |                      |                   | A/L         |
| TYPE OF FUEL             | YEAR BUILT 1963 |                      |                   | A/L         |
| HEAT SURFACE             | Boiler          | WATER WALL           |                   |             |

~~OPER-ONLY~~  
OK

REMARKS: SH-199 HD-170 24" X 64" = 16 CFU



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 NAVFAC 9-11014/41 (3/87)  
 Supersedes NAVDOCKS 2544  
 S/N 0105-LF-004-0000

DATE OF INSPECTION  
**22 JAN. 1986**

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

1. FROM  
**COMMANDING GENERAL  
 MCB, CAMP LEJEUNE, NC**

2. TO  
**NAVFACENGCOM  
 NORFOLK, VA**

14. CERTIFICATE ISSUED  YES  NO  
**EXPIRES 22 JAN. 1988**

15. BOILER INSPECTOR

*Thomas L. Lemier*  
 NAVY OR NATIONAL BOARD NO.

**BOILER DATA**

3. MANUFACTURER  
**INGERSOLL RAND**

4. PROPERTY NO. **DV-27** 5. MFG. SERIAL NO. **558812** 6. MFG. MODEL NO. **N.B. 495230**

7. BUILDING NO. **1107** 8. YEAR BUILT **1984** 9. CAPACITY **17 CU.FT. UOL.**

10. FUEL (Check)  
 COAL  OIL  GAS

11. PRESSURE  
 DESIGNED **200** psi OPERATING **180** psi TEST **AIR** **260** psi

12. FEED WATER TREATMENT  
 SATISFACTORY  UNSATISFACTORY

13. TYPE  
 WATER TUBE  FIRE TUBE  C. I.

16. REASON FOR NOT ISSUING CERTIFICATE

17. BOILER USE  
**AIR-RECEIVER**

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

18. COMBUSTION CONTROL (Mfg. Name)

20. FLUE GAS TEMPERATURE  
 AFTER BOILER \_\_\_\_\_ °F : AFTER HEAT TRAP \_\_\_\_\_ °F

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

21. MANUFACTURER **EATON** 22. NUMBER AND SIZE **1-1/4"** 23. PSI SETTING **200** 24. CONDITION **GOOD**

**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  
**NEW UNIT WILL RETAIN SAME PROPERTY NO AS OLD AIR-COMPRESSOR**

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

33. SIGNATURE  
*W.M. Ru*  
 BY DIRECTION



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 22 JAN. 1984

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 COMMANDING GENERAL  
 MCB, CAMP LEJEUNE, NC

2. TO  
 NAVFACENCOM  
 NORFOLK, VA

**BOILER DATA**

3. MANUFACTURER  
 CURTIS

4. PROPERTY NO.    5. MFG. SERIAL NO.    6. MFG. MODEL NO.  
 PV-27    130249    NB-94173

7. BUILDING NO.    8. YEAR BUILT    9. CAPACITY  
 1107    1963    16 CU.FT. VOL.

10. FUEL (Check)  
 COAL     OIL     GAS

11. PRESSURE  
 DESIGNED    OPERATING    TEST  
 200 psi     130 psi     \_\_\_\_\_ psi

12. FEED WATER TREATMENT  
 SATISFACTORY     UNSATISFACTORY

13. TYPE  
 WATER TUBE     FIRE TUBE     C. I.

14. CERTIFICATE ISSUED     YES     NO

15. BOILER INSPECTOR  
 Thomas L. Lenoir  
 NAVY OR NATIONAL BOARD NO.  
 NAVFAC 239

16. REASON FOR NOT ISSUING CERTIFICATE  
 UNIT IS GONE.

17. BOILER USE  
 AIR RECEIVER

18. COMBUSTION CONTROL (Mfg. Name)

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

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

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

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 CURTIS

22. NUMBER AND SIZE  
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 185

24. CONDITION  
 —

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 U.S. GAGE

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 WATER LEG CONSTANT \_\_\_\_\_ psi; OTHER \_\_\_\_\_ psi

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| 29. TYPE         |            |           |
| 30. FUEL GRADE   |            |           |

31. INSPECTOR'S COMMENTS  
 UNIT IS GONE.

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

33. SIGNATURE  
 [Signature]  
 BY DIRECTION





|          |              |           |          |           |
|----------|--------------|-----------|----------|-----------|
| LOCATION | AIR-RECEIVER | BLDG. NO. | REC. NO. | DATE      |
|          |              | 1109      | 27       | 22 JAN 86 |

MANUFACTURED BY: INGERSOLL RAND - BUCKEYE BOILER CO.

|                |            |                 |     |                |        |            |     |           |     |            |  |
|----------------|------------|-----------------|-----|----------------|--------|------------|-----|-----------|-----|------------|--|
| MFGR. SER. NO. | 558812     | MFGR. MODEL NO. | 5E  | NATL. BRD. NO. | 495230 |            |     |           |     |            |  |
| YEAR BLT.      | 84         | DSG. PRESS.     | 200 | OPER. PRESS.   | 180    | MAX. TEMP. | 450 | TYPE      |     |            |  |
| CAP.           | 17.3 CU FT | OVER ALL LGTH.  | 66" | DIA.           | 24"    | SHELL THK. | 187 | HEAD THK. | 169 | WATER GAL. |  |

|             |          |              |       |      |       |
|-------------|----------|--------------|-------|------|-------|
| PRESS. GAGE | U S GAGE | PRESS. RANGE | 0-300 | SIZE | 2 1/2 |
|-------------|----------|--------------|-------|------|-------|

|          |       |      |      |      |          |
|----------|-------|------|------|------|----------|
| SV MFGR. | EATON | SIZE | 1/4" | CAP. | 183 SCFM |
|----------|-------|------|------|------|----------|

|       |         |     |     |      |     |       |     |
|-------|---------|-----|-----|------|-----|-------|-----|
| NO. 1 | 183 CFM | SET | 200 | OPEN | 205 | CLOSE | 140 |
| NO. 2 | 235 CFM | SET | 200 | OPEN |     | CLOSE |     |
| NO. 3 |         | SET |     | OPEN |     | CLOSE |     |

INSPECTION DATE \_\_\_\_\_ REMARKS \_\_\_\_\_

\* WILL RETAIN SAME PROPERTY NO ~~BE~~ OLD UNIT PV. 27.

ISSUED CERT - TO EXPIRE 22 JAN. 1988

1. INSTALL EQUIPMENT GROUND TO AIR COMP.
2. INSTALL CORRECT HEATERS IN MOTOR STARTER AND/OR INSTALL NEW MOTOR STARTER, NEEDED HEATERS ON ALL THREE PHASES

