

DATE OF INSPECTION
 8 APR. 1987

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 8 APR. 1989

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

16. REASON FOR NOT ISSUING CERTIFICATE

BOILER DATA

3. MANUFACTURER
SAYLOR BEALL (MANCHESTER)

4. PROPERTY NO. PU-241	5. MFG. SERIAL NO. 96-2-10	6. MFG. MODEL NO. 41-9000
7. BUILDING NO. FC-120	8. YEAR BUILT 1984	9. CAPACITY 18 cu. FT. VOL.

10. FUEL (Check)

<input type="checkbox"/> COAL	<input type="checkbox"/> OIL	<input type="checkbox"/> GAS
-------------------------------	------------------------------	------------------------------

11. PRESSURE

DESIGNED 250 psi	OPERATING 135 psi	TEST 200 AIR 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
F.C. KINGSTON

22. NUMBER AND SIZE
2 - 1/4"

23. PSI SETTING
200-225

24. CONDITION
SAT.

25. MANUFACTURER
U S G

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		

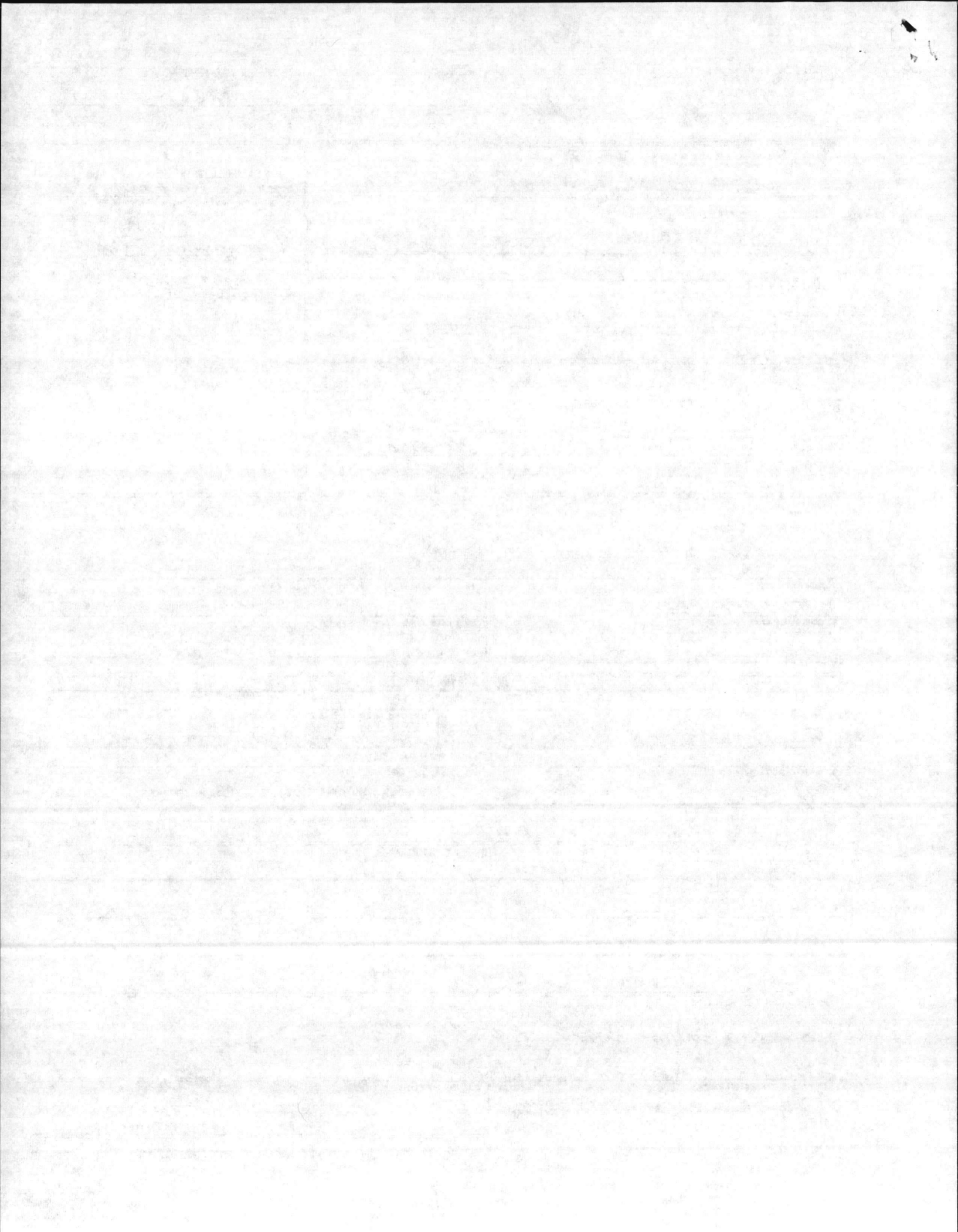
31. INSPECTOR'S COMMENTS
**INSTALLED UNDER CONTRACT # 81-1132
 START AND MAINTAIN P.M. LOG**

32. ATTACHMENT(S) (Check)

COPY OF INSPECTOR'S REPORT SPECIAL COMMENTS

33. SIGNATURE

 BY DIRECTION



MFGRS. SERIAL NO. 96-2-10	MFGRS. MODEL NO. 11-9000	MANUFACTURER SAYLOR BEALL (MANCHESTER)	DATE OF SHEET 10 APR. 1987
TYPE OF SUPERHEATER	FURNACE VOLUME _____ 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) 250	DATE BUILT 1984
NORMAL FEEDWATER TEMPERATURE _____ °F	BOILER WATER WALL _____ ECONOMIZER _____ SUPERHEATER _____	DESIGN 135 MAWP INSTALLED WP	DATE INSTALLED 1985
(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
			HP LB./HR EDR BTU/HR.

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

PROPERTY NO. 29 PV-241	BUILDING OR LOCATION 35 FC-120	ACTIVITY 20 MCBCL
----------------------------------	--	-----------------------------

DATA RECORD SHEET - BOILERS
 NAVFAC 9-11011/40 (9-69) Supersedes NAVDOCS 2509
 S/N 0105-003-7010

BOILER

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
(27) SAFETY VALVES	2	1/4"	FC KINGSTON		200-225		
STEAM OUTLET VALVES							
BLOW-OFF VALVES							
FEEDWATER VALVES							
WATER COLUMN							
FEEDWATER REGULATOR							
WATER GAGES							
(29) STEAM GAGES	1	2 1/2"	U S G			0-300	
SOOT BLOWERS							
(30) FUSIBLE PLUGS							

CONTRACT # 81-1132
 NAT'L BD. # 391425

LOCATION

BLDG. NO.

REC. NO.

DATE

CONTRACT # 81-1132

FC-120

PU-241

4/8/87

MANUFACTURED BY:

96-2-10

MANCHESTER - TX

MFG. CO.

(SAYLOR BEALL)

MFR. SER. NO.

↑ 1167.123456

MFR. MODEL NO. 41-9000

NATL. BRD. NO. 391.425

YEAR BLT. 84

DSG. PRESS. 250

OPER. PRESS. 100-135

MAX. TEMP. 650°

TYPE

CAP. 18 CU. FT.

OVER ALL LGTH. 68"

DIA. 24"

SHELL THK. .250

HEAD THK. .250

WATER GAL.

PRESS. GAGE

USG

PRESS. RANGE

0-300

SIZE

2 1/2"

SV MFR.

F.C. KINGSTON

SIZE

1/4"

CAP.

134 SCFM

NO. 1

SET 225

OPEN

CLOSE

NO. 2

SET 200 ON CYLINDER

OPEN 170 TANK GAGE.

CLOSE

NO. 3

SET

OPEN

CLOSE

INSPECTION DATE

REMARKS

4/8/87

TESTED SAFETY VALVES -

4/8/87

TESTED LOW OIL LEVEL SWITCH - BY HAND.

ISSUED CERT TO EXPIRE 4/8/89

1. NOISE WHEN RUNNING - (CLICKING METALLIC SOUND)
INSIDE BELTS LOOSE.* STEAM REDUCING STATION LEAKING @ UNION
1/4" UNWIP NIPPLES -

12X12X68 X 3.142 X .00058 = 18 CU FT.

