

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

DATE OF INSPECTION
 4 SEPT. 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 4 SEPT 1989

15. BOILER INSPECTOR
 Thomas L. Lomier
 NAVY OR NATIONAL BOARD NO.

16. REASON FOR NOT ISSUING CERTIFICATE
 NAVFAC 239

BOILER DATA

3. MANUFACTURER
 CHAMPION (BRUNNER ENG. & MFG. INC.)

4. PROPERTY NO. PV-252
 5. MFG. SERIAL NO. R.30010945
 6. MFG. MODEL NO. N.B. 26546 D

7. BUILDING NO. A-47
 8. YEAR BUILT 1984
 9. CAPACITY 16 CU. FT. VOL.

10. FUEL (Check)
 COAL OIL GAS

11. PRESSURE
 DESIGNED 200 psi OPERATING 170 psi TEST AIR 200 psi

12. FEED WATER TREATMENT
 SATISFACTORY UNSATISFACTORY

13. TYPE
 WATER TUBE FIRE TUBE C. I.

17. BOILER USE
 AIR-RECEIVER

19. COMBUSTION
 % CO₂ _____ % EXCESS O₂ _____

18. COMBUSTION CONTROL (Mfg. Name)

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

**SAFETY DEVICES
 SAFETY VALVES**

21. MANUFACTURER
 C.D.I.

22. NUMBER AND SIZE
 1-1/4"

23. PSI SETTING
 200

24. CONDITION
 SAT.

STEAM PRESSURE GAUGE

25. MANUFACTURER
 ASHCROFT

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

FIRING EQUIPMENT

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER		
29. TYPE		
30. FUEL GRADE		
31. INSPECTOR'S COMMENTS		

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

33. SIGNATURE
 [Signature]
 BY DIRECTION

COMMANDING OFFICER
MOB CAMP
NAVY
HONOLULU, HI

MFGRS. SERIAL NO.

A 30010945

MFGRS. MODEL NO.

N.B. 26546D

MANUFACTURER

CHAMPION (BRUNNER ENG. & MFG. INC.)

DATE OF SHEET

8 SEPT. 86

TYPE OF SUPERHEATER

FURNACE VOLUME

16 CU. FT.

OPERATION

- AUTOMATIC
- SEMI-AUTOMATIC
- MANUAL

USE

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

DATE BUILT

1984

DATE INSTALLED

1986 4 SEPT.

TEMPERATURE AT SUPERHEATER OUTLET

BOILER _____

WATER WALL _____

ECONOMIZER _____

SUPERHEATER _____

PRESSURE (psig)

200 DESIGN

165 MAWP

INSTALLED WP

CAPACITY

_____ HP

_____ LB./HR

_____ EDR

_____ BTU/HR.

BOILER

TYPE

- C.I.
- WATER TUBE
- FIRE TUBE

DRAFT

- NATURAL
- FORCED
- INDUCED

PRODUCES

- STEAM
- LOW TEMP. WATER
- HIGH TEMP. WATER

CIRCULATION

- NATURAL
- FORCED

NORMAL FEEDWATER TEMPERATURE

_____ °F

_____ °F

(See Reverse Side for Fittings)

DRUMS

NO. _____

DIAMETER _____ IN.

LENGTH _____ FT. _____ IN.

- RIVETED
- FORGE WELDED
- FUSION WELDED

AIR HEATER

- NONE
- TUBULAR
- REGENERATIVE
- STEAM

FUEL & FIRING EQUIPMENT IN SERVICE

COAL

- ANTHRACITE
- BITUMINOUS

OIL

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

GAS

- NATURAL
- MANUFACTURED

ALTERNATE FUEL & FIRING EQUIPMENT

COAL

- ANTHRACITE
- BITUMINOUS

OIL

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

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

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

FIRING EQUIPMENT MANUFACTURER

PROPERTY NO.

PV-252

BUILDING OR LOCATION

A-47

BOILER

ACTIVITY

MCBCL

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1/4"	C.D.I.		200	CAP. 152 CFM	
STEAM OUTLET VALVES							
BLOW-OFF VALVES							
FEEDWATER VALVES							
WATER COLUMN							
FEEDWATER REGULATOR							
WATER GAGES							
STEAM GAGES	1	2 1/2"	ASHCROFT			0-300	
SOOT BLOWERS							
FUSIBLE PLUGS	N/A						