

DATE OF INSPECTION

5-13-85

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**

BOILER DATA

3. MANUFACTURER **BUCKEYE BOILER CO.**

4. PROPERTY NO. **PV-6** 5. MFG. SERIAL NO. 6. MFG. MODEL NO. **N.B. 525175**

7. BUILDING NO. **M-625** 8. YEAR BUILT **1984** 9. CAPACITY **11 CU. FT. VOLUME**

10. FUEL (Check) 11. PRESSURE
 COAL OIL GAS
 DESIGNED **200** psi OPERATING **90** psi TEST **300** psi

12. FEED WATER TREATMENT 13. TYPE
 SATISFACTORY UNSATISFACTORY
 WATER TUBE FIRE TUBE C. I.

14. CERTIFICATE ISSUED YES NO
 EXPIRES **13 MAY 1987**

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

NAVFAC 239

16. REASON FOR NOT ISSUING CERTIFICATE

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

STEAM PRESSURE GAUGE

25. MANUFACTURER **PATTONS** 26. CORRECTIONS
 WATER LEG CONSTANT _____ psi; OTHER _____ psi

27. REASON IF NOT TESTED

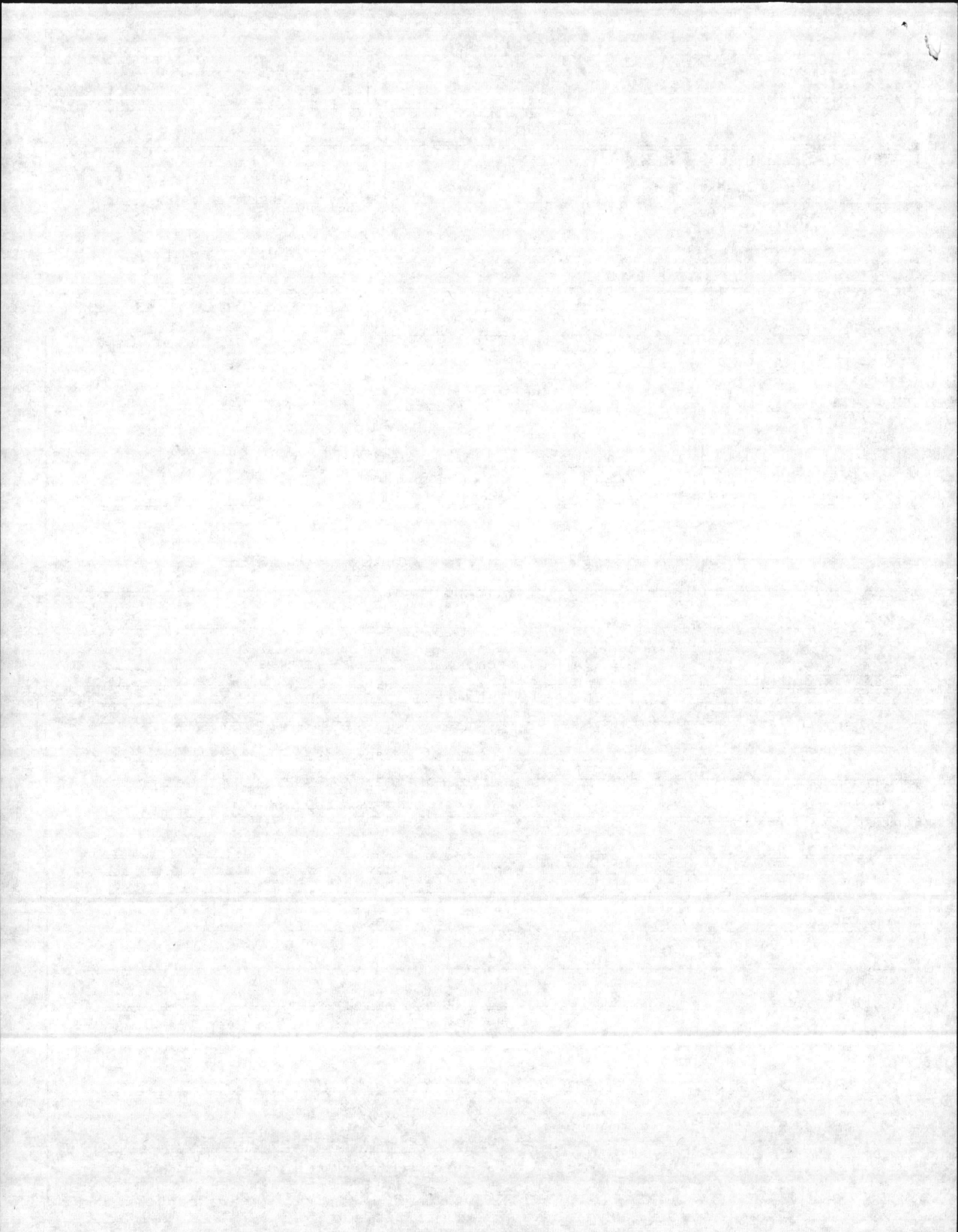
FIRING EQUIPMENT

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

31. INSPECTOR'S COMMENTS
**THIS UNIT HAS REPLACED OLD AIR-COMPRESSOR
 INSTALLED UNDER CONTRACT # 82-C-4678**

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

33. SIGNATURE
J. L. Sellen BY DIRECTION



MFGRS. SERIAL NO.

N.B. #525175

MFGRS. MODEL NO.

MANUFACTURER

BUCKEYE BOILER CO.

DATE OF SHEET

5-15-85

TYPE OF SUPERHEATER

FURNACE VOLUME

11 CU. FT.

OPERATION

- AUTOMATIC
- SEMI-AUTOMATIC
- MANUAL

USE

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

DATE BUILT

1984

DATE INSTALLED

1985

TEMPERATURE AT SUPERHEATER OUTLET

BOILER _____

WATER WALL _____

ECONOMIZER _____

SUPERHEATER _____

PRESSURE (psig)

200 DESIGN

90 MAWP
INSTALLED WP

CAPACITY

- _____ HP
- _____ LR. HR
- _____ EDR
- _____ BTU/HR.

BOILER

TYPE DRAFT

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

PRODUCES

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

CIRCULATION

- NATURAL
- FORCED

NORMAL FEEDWATER TEMPERATURE

DRUMS

NO. _____

DIAMETER _____ IN.

LENGTH _____ FT. _____ IN.

- RIVETED
- FORGE WELDED
- FUSION WELDED

AIR HEATER

- NONE
- TUBULAR
- REGENERATIVE
- STEAM

(See Reverse Side for Fittings)

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 _____

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-6

BUILDING OR LOCATION

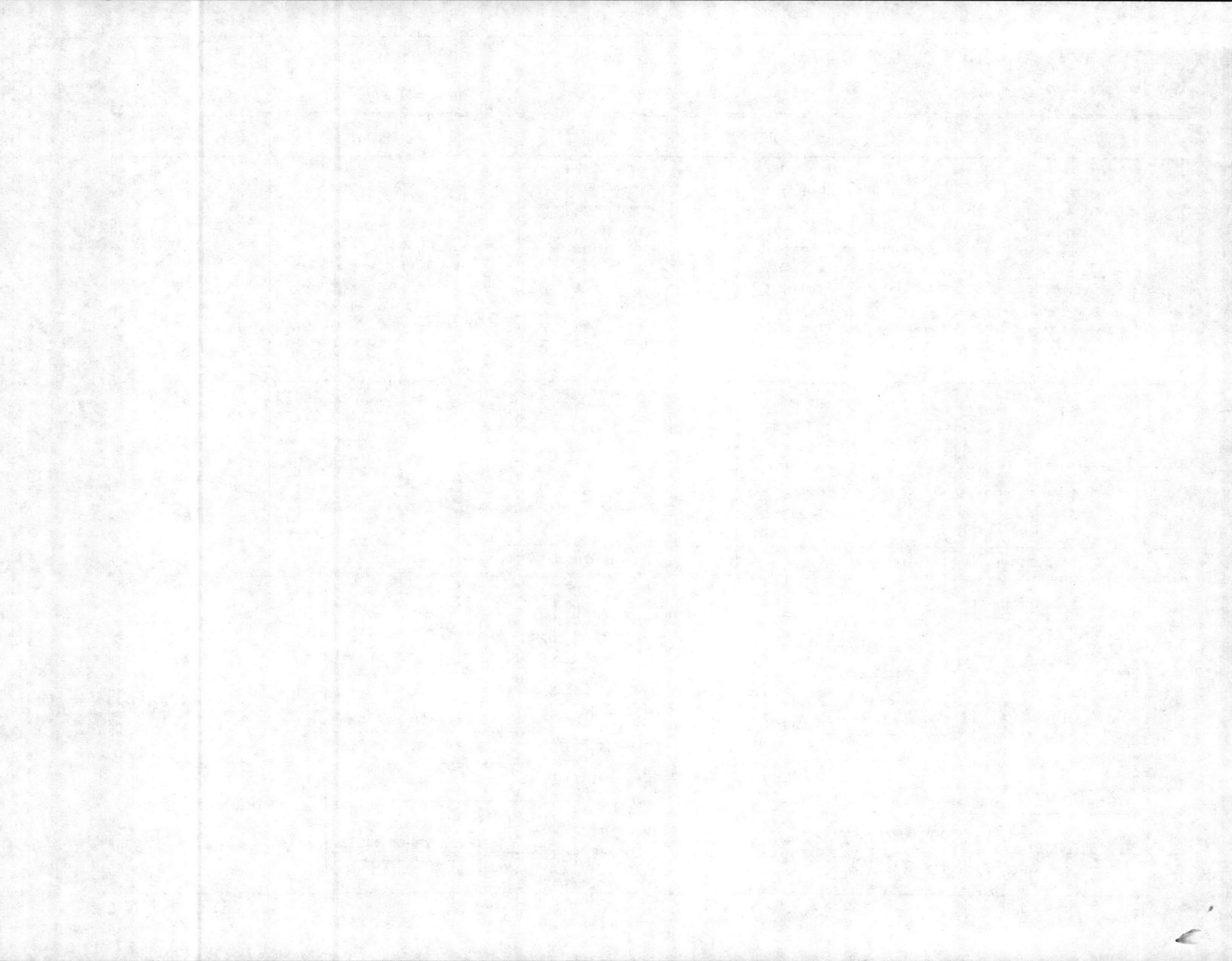
M-625

BOILER

ACTIVITY

MCBCL

DATA RECORD SHEET - BOILERS
MAFAC 9-11014/40 (9-69) Supersedes M17DOCKS 2509



LOCATION

BLDG.NO.

REC.NO.

DATE

WILL RETAIN SAME # AS OLD UNIT.

M-625

PV-6

5-13-85

MANUFACTURED BY:

PATTONS (TANK BY BUCKEYE BOILER C.)

MFGR. SER. NO.

MFGR.MODEL NO.

NATL.BRD. NO. 525175

YEAR BLT. 84

DSG.PRESS. 200

OPER. PRESS. 90

MAX. TEMP. 450

TYPE

CAP.

OVER ALL LGTH. 64

DIA. 20

SHELL THK. 154

HEAD THK. 140

WATER GAL.

PRESS. GAGE

PATTONS

PRESS. RANGE

0-300

SIZE

2"

SV MFGR.

ASME
~~FE KINGSTON~~

SIZE

1/4"

CAP.

125

NO. 1

SET

200

OPEN

200

CLOSE

180

NO. 2

SET

OPEN

CLOSE

NO. 3

SET

OPEN

CLOSE

INSPECTION DATE

5-13-85

REMARKS

HYDRO @ 300 PSI - GOOD

11 CU. FT. VOLUME

MFGRS. SERIAL NO. N.B. #525175	MFGRS. MODEL NO.	MANUFACTURER BUCKEYE BOILER CO.	DATE OF SHEET 5-15-85
TYPE OF SUPERHEATER	FURNACE VOLUME 11 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 90 MAWP 90 INSTALLED WP	DATE BUILT 1984
NORMAL FEEDWATER TEMPERATURE _____ °F	BOILER _____ WATER WALL _____ ECONOMIZER _____ SUPERHEATER _____	CAPACITY _____ HP _____ L.R. HR _____ EDR _____ BTU/HR.	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

	FUEL & FIRING EQUIPMENT IN SERVICE	ALTERNATE FUEL & FIRING EQUIPMENT
FUEL	<p>COAL</p> <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS <p>GAS</p> <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	<p>OIL</p> <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY <input type="checkbox"/> OTHER _____
FIRING EQUIPMENT	<p><input type="checkbox"/> COAL - HAND FIRED</p> <p>COAL - STOKER</p> <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 <p>GAS</p> <input type="checkbox"/> GAS RING <input type="checkbox"/> VENTURI TYPE	<p>COAL - PULVERIZER</p> <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR <p>OIL BURNERS</p> <input type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP
FIRING EQUIPMENT MANUFACTURER		

PROPERTY NO. PV-6	BUILDING OR LOCATION M-625	ACTIVITY BOILER	MCBCL
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DATA RECORD SHEET - BOILERS
 NAVFAC 9-11014/40 (9-59) Supersedes NAVDOCKS 2509

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1/4"	ASME		200		
STEAM OUTLET VALVES							
BLOW-OFF VALVES							
FEEDWATER VALVES							
WATER COLUMN							
FEEDWATER REGULATOR							
WATER GAGES							
XXXXXX Air-Press Gages	1	2"	PATTONS			0-300	
SOOT BLOWERS							
FUSIBLE PLUGS			NONE				