

DATA RECORD SHEET - BOILERS  
 MAYFAC 9-11014/40 (9-89) Supersedes NAVDOCKS 2509

MFGRS. SERIAL NO. <u>1082247</u>	MFGRS. MODEL NO. <u>140E</u>	MANUFACTURER <u>BOCK</u>	DATE OF SHEET <u>9 DEC. 1983</u>
TYPE OF SUPERHEATER	FURNACE VOLUME _____ CU. FT.	OPERATION <input checked="" 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 <u>HIGH WAT. HEATER</u>
TEMPERATURE AT SUPERHEATER OUTLET _____ °F	HEATING SURFACE (SQ. FT.)	PRESSURE (psig) _____ DESIGN <u>100</u> MAWP _____ INSTALLED WP	DATE BUILT <u>1982</u>
NORMAL FEEDWATER TEMPERATURE _____ °F	BOILER _____ WATER WALL _____ ECONOMIZER _____ SUPERHEATER _____	CAPACITY _____ HP _____ LB./HR. _____ EDR <u>9.0</u> BTU/HR.	DATE INSTALLED <u>1983</u>
(See Reverse Side for Fittings)	DRUMS NO. <u>1</u> DIAMETER <u>42</u> IN. LENGTH <u>67</u> FT. IN. <input type="checkbox"/> RIVETED <input type="checkbox"/> FORGE WELDED <input checked="" type="checkbox"/> FUSION WELDED	AIR HEATER <input type="checkbox"/> NONE <input type="checkbox"/> TUBULAR <input type="checkbox"/> REGENERATIVE <input type="checkbox"/> STEAM	BOILER TYPE _____ DRAFT _____ <input type="checkbox"/> C.I. <input type="checkbox"/> WATER TUBE <input checked="" type="checkbox"/> FIRE TUBE <input type="checkbox"/> NATURAL <input checked="" type="checkbox"/> FORCED <input type="checkbox"/> INDUCED
FUEL & FIRING EQUIPMENT IN SERVICE		ALTERNATE FUEL & FIRING EQUIPMENT	
COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED		COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED	
OIL <input checked="" type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY <input type="checkbox"/> OTHER _____		OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, 6 <input type="checkbox"/> NAVY SPECIAL <input type="checkbox"/> OTHER _____	
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		COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR OIL BURNERS <input type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP	
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		COAL - PULVERIZER <input type="checkbox"/> ATTRITION <input type="checkbox"/> BALL & RACE <input type="checkbox"/> BOWL MILL <input type="checkbox"/> TUBULAR OIL BURNERS <input type="checkbox"/> MECHANICAL <input type="checkbox"/> STEAM ATOMIZED <input type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP	
FIRING EQUIPMENT MANUFACTURER <u>WAYNE OIL BURNER</u>			

PROPERTY NO. <u>H-2 HIGH/SCN</u>	BUILDING OR LOCATION <u>825</u>	ACTIVITY <u>BOILER</u>	ACTIVITY <u>MCBCL</u>
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FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	1	1"	CASH	F-52	100		
STEAM OUTLET VALVES	1	2"	P & T	GATE			
BLOW-OFF VALVES							
FEEDWATER VALVES							
WATER COLUMN							
FEEDWATER REGULATOR							
WATER GAGES							
STEAM GAGES							
SOOT BLOWERS							
FUSIBLE PLUGS							

ASME TANK NO. 179321  
 SJU CASH 246000 BTU HR.  
 CAP. 175 GAL.

LWCO - Mc DONNELL MILLER #150

NB # 179321

CONTROLS - HONEYWELL

DATE: 8 Aug. 1972

ACTIVITY: CAMP LEJEUNE SCHOOL

BUILDING NO: 825 HOT WATER HEATER  
~~XXXXXX~~: 2

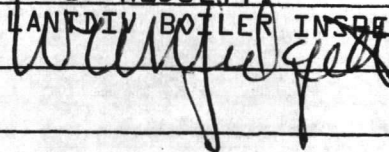
Based on the existing condition and present rate of deterioration, it is estimated that the boiler has a remaining life of

5 or more years  ( ) years

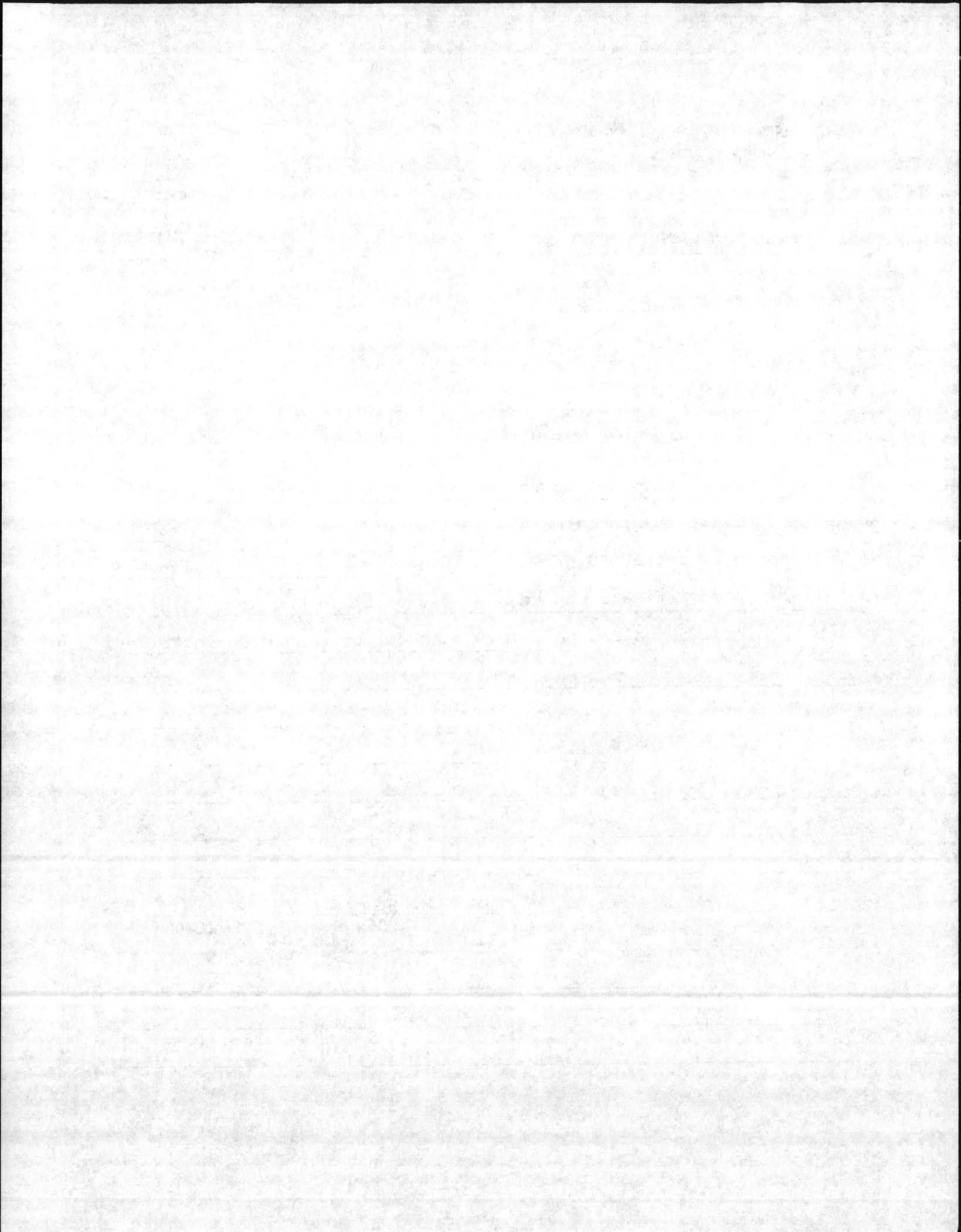
The following corrective action is recommended:

The water side of this hot water heater has some accumulation of scale. It will last approximately one to two more years. Safety valves should be set at 70 p.s.i. A low water cut out must also be installed. A certificate has been issued until 15 February 1973 and will not be renewed unless this low water cut out has been installed.

W. W. MIDGETT  
LANTDIV BOILER INSPECTOR







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

DATE OF INSPECTION  
 8-14-75

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  
 Commandant Hodge's Marine Corps (Code LMF)

14. CERTIFICATE ISSUED  YES  NO  
 EXPIRES 8-14-76

15. BOILER INSPECTOR  
 E.O. Mahley  
 NAVY OR NATIONAL BOARD NO.

**BOILER DATA**

3. MANUFACTURER  
 Heat Pak Hot Water Heater

4. PROPERTY NO. H-2  
 5. MFG. SERIAL NO. 60-5615  
 6. MFG. MODEL NO. WND 110-G

7. BUILDING NO. 825  
 8. YEAR BUILT NA  
 9. CAPACITY N.A.

10. FUEL (Check)  
 COAL  OIL  GAS  
 11. PRESSURE  
 DESIGNED 125 psi OPERATING 40 psi TEST psi

12. FEED WATER TREATMENT  
 SATISFACTORY  None  UNSATISFACTORY  
 13. TYPE  
 WATER TUBE  FIRE TUBE  C. I.

16. REASON FOR NOT ISSUING CERTIFICATE

17. BOILER USE  
 Domestic Hot Water

18. COMBUSTION CONTROL (Mfg. Name)  
 Honeywell

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 Mc Donnell Miller  
 22. NUMBER AND SIZE 1-1"  
 23. PSI SETTING 125  
 24. CONDITION Leaking

**STEAM PRESSURE GAUGE**

25. MANUFACTURER None  
 26. CORRECTIONS  
 WATER LEG CONSTANT \_\_\_\_\_ psi; OTHER \_\_\_\_\_ psi

27. REASON IF NOT TESTED

**FIRING EQUIPMENT**

ITEM	IN SERVICE	ALTERNATE
28. MANUFACTURER	HEAT PAK	None
29. TYPE	Nozzle, SPRAY	
30. FUEL GRADE	# 2	

31. INSPECTOR'S COMMENTS  
 1- Heavy scale, Calcium deposits due to no chemical treatment or chemical cleaning possible on domestic hot water system.  
 2- Replace safety valve  
 3- Renew Temp. gauge

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

33. SIGNATURE  
 [Signature]  
 BY DIRECTION

