

MFGRS. SERIAL NO.

WG-3259

MFGRS. MODEL NO.

D-52-RH

MANUFACTURER

Cleaver Brooks

DATE OF SHEET

24 June 1985

TYPE OF SUPERHEATER

N/A

FURNACE VOLUME

596 CU. FT.

HEATING SURFACE (SQ. FT.)

BOILER 2407

WATER WALL 449

ECONOMIZER

SUPERHEATER

OPERATION

- AUTOMATIC
- SEMI-AUTOMATIC
- MANUAL

PRESSURE (psig)

260 DESIGN

100 MAWP  
100 INSTALLED WP

USE

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

CAPACITY

25,000 HP  
LB./HR.  
EDR  
BTU/HR.

DATE BUILT

1984

DATE INSTALLED

1985

BOILER

TYPE DRAFT

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

PRODUCES

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

CIRCULATION

- NATURAL
- FORCED

TEMPERATURE AT SUPERHEATER OUTLET

N/A °F

NORMAL FEEDWATER TEMPERATURE

227 °F

(See Reverse Side for Fittings)

DRUMS

NO. 2  
DIAMETER 36" - 24" IN.  
LENGTH 17 FT. 3 IN.

- RIVETED
- FORGE WELDED
- FUSION WELDED

AIR HEATER

- NONE
- TUBULAR
- REGENERATIVE
- STEAM

FUEL & FIRING EQUIPMENT IN SERVICE

FUEL

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
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FIRING EQUIPMENT MANUFACTURER

Cleaver Brooks

PROPERTY NO.

74

BUILDING OR LOCATION

M-625

ACTIVITY

BOILER 74

MCBCL

DATA RECORD SHEET - BOILERS  
 MAVFAC 9-11014/40 (9-69) Supersedes MAVDOCS 2509  
 S/N 0905-003-7010

FITTING	NUMBER	SIZE	MANUFACTURER	TYPE	SETTING	RANGE	PRESSURE CLASS
SAFETY VALVES	2	2 1/2"	KUNKLE	FIG-300	125-130	10-600	750
STEAM OUTLET VALVES	2	6"	CRANE - STOCKHAM				300
BLOW-OFF VALVES	2	1"	YARWAY				
FEEDWATER VALVES	2	2"	VELAN	Check Gate			800
WATER COLUMN	1	1"	CLEAVER BROOKS				
FEEDWATER REGULATOR	1	1 1/2"	COPEES VULCON	FW-1			
WATER GAGES	1	3/4"	RELIANCE	404-RS			
STEAM GAGES	1	8 1/2"	CLEAVER BROOKS			0-200	
SOOT BLOWERS	1	2"	DIAMON (FLOATER TYPE)	G 9B	59		400
FUSIBLE PLUGS	n/a		N/A				

Combustion control-fireeye type 25 RU8 Model 4580  
 S/V @ 125 PSI Cap. 18463  
 S/V @ 130 PSI Cap. 19288  
 LWCO-Cleaver Brooks probe type 2 ea & 1 float type  
 Nat'l B # 58538  
 Contract # 82-C-4678  
 This unit has replaced old boiler #74

MFGRS. SERIAL NO. <b>WG-3259</b>	MFGRS. MODEL NO. <b>D-52 RH</b>	MANUFACTURER <b>CLEAVER BROOKS</b>	DATE OF SHEET <b>24 JUNE 1985</b>
TYPE OF SUPERHEATER <b>N/A</b>	FURNACE VOLUME <b>594</b> CU. FT.	OPERATION <input checked="" type="checkbox"/> AUTOMATIC <input type="checkbox"/> SEMI-AUTOMATIC <input type="checkbox"/> MANUAL	USE <input checked="" 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 <b>N/A</b> °F	HEATING SURFACE (SQ. FT.) BOILER <b>2407</b> WATER WALL <b>449</b> ECONOMIZER _____ SUPERHEATER _____	PRESSURE (psig) <b>260</b> DESIGN <b>100</b> MAWP <b>100</b> INSTALLED WP	DATE BUILT <b>1984</b>
NORMAL FEEDWATER TEMPERATURE <b>227</b> °F (See Reverse Side for Fittings)	DRUMS NO. <b>2</b> DIAMETER <b>36" - 24"</b> IN. LENGTH <b>17</b> FT. <b>3</b> IN.	AIR HEATER <input checked="" type="checkbox"/> NONE <input type="checkbox"/> TUBULAR <input type="checkbox"/> REGENERATIVE <input type="checkbox"/> STEAM	DATE INSTALLED <b>1985</b>
	<input type="checkbox"/> RIVETED <input type="checkbox"/> FORGE WELDED <input checked="" type="checkbox"/> FUSION WELDED	CAPACITY <b>25,000</b> LB. HR. EDR _____ BTU/HR. _____	BOILER TYPE <input checked="" type="checkbox"/> C.I. <input type="checkbox"/> WATER TUBE <input type="checkbox"/> FIRE TUBE
			DRAFT <input type="checkbox"/> NATURAL <input checked="" type="checkbox"/> FORCED <input type="checkbox"/> INDUCED
			PRODUCES <input checked="" type="checkbox"/> STEAM <input type="checkbox"/> LOW TEMP. WATER <input type="checkbox"/> HIGH TEMP. WATER
			CIRCULATION <input type="checkbox"/> NATURAL <input checked="" type="checkbox"/> FORCED

	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	COAL <input type="checkbox"/> ANTHRACITE <input type="checkbox"/> BITUMINOUS GAS <input type="checkbox"/> NATURAL <input type="checkbox"/> MANUFACTURED
FIRING EQUIPMENT	OIL <input type="checkbox"/> COMMERCIAL 1, 2, 4, 5, <b>6</b> <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 checked="" type="checkbox"/> STEAM ATOMIZED <input checked="" type="checkbox"/> AIR ATOMIZED <input type="checkbox"/> ROTARY CUP
FIRING EQUIPMENT MANUFACTURER <b>CLEAVER BROOKS</b>		

PROPERTY NO. <b>74</b>	BUILDING OR LOCATION <b>M-625</b>	ACTIVITY <b>BOILER 74 MCBCL</b>
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FEEDWATER REGULATOR	1	1 1/2"	COPE'S VULCON	FW-1			300
WATER GAGES	1	3/4"	RELIANCE	404-R5			
STEAM GAGES	1	8 1/2"	CLEAVER BROOKS			0-200	1
SOOT BLOWERS	1	2"	DIAMON (FLOATER TYPE)	G 9 B	59		400
FUSIBLE PLUGS	NA		NA				

COMBUSTION CONTROL - FIREYE TYPE 25 R48 MODEL 4580

SIV @ 125 PSI CAP. 18463

SIV @ 130 PSI CAP. 19288

LWCO - CLEAVER BROOKS PROBE TYPE 2EA & 1 FLOAT TYPE.

NAT'L B. # 58538

CONTRACT # 82-C-4678

THIS UNIT HAS REPLACED OLD BOILER #74