**SERIES PURPOSE:**
The purpose of the boiler worker occupation is to maintain & repair boilers & related powerhouse equipment.

At the lower level, incumbents perform basic boiler maintenance. At the higher level, incumbents service & repair boilers & powerhouse equipment.

<table>
<thead>
<tr>
<th>CLASS TITLE</th>
<th>CLASS NUMBER</th>
<th>PAY RANGE</th>
<th>EFFECTIVE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiler Maintenance Worker</td>
<td>54511</td>
<td>04</td>
<td>03/26/1990</td>
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</tbody>
</table>

**CLASS CONCEPT:**
The developmental level class works under immediate supervision & requires working knowledge of basic boiler maintenance practices in order to stoke coal, fill coal hopper & remove & haul ashes.

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<tbody>
<tr>
<td>Boiler Repair Worker</td>
<td>54513</td>
<td>06</td>
<td>01/09/2005</td>
</tr>
</tbody>
</table>

**CLASS CONCEPT:**
The full performance level class works under direction & requires considerable knowledge of procedures for maintaining & repairing boilers in order to service & repair boilers & powerhouse equipment.
JOB DUTIES IN ORDER OF IMPORTANCE: (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Stokes coal, fills coal hoppers & removes & hauls ashes.

Lubricates moving parts of boiler, stokers, coal conveyors, pumps, motors & related equipment; cleans ash system drain lines.

Inspects & replaces simple equipment parts & assists on major equipment repairs.

Cleans plant & equipment; picks up supplies.

MAJOR WORKER CHARACTERISTICS:
Knowledge of safety practices related to boiler maintenance. Skill in operating frontend loader & truck*; basic operation & maintenance of power plant equipment; operation of hand tools. Ability to carry out simple instructions; read, copy & record figures; read short sentences; work alone; walk, stand or bend for long periods of time; use limbs, fingers or hands to operate equipment, machinery or tools; lift up to 100 pounds.

(*)Developed after employment.

MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:
3 mos. trg. or 3 mos. exp. in basic boiler maintenance practices (e.g., stoking coal & ash removal from boiler); valid driver's license.

-Or equivalent of Minimum Class Qualifications for Employment noted above.

TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:
Not applicable.

UNUSUAL WORKING CONDITIONS:
May work weekends &/or rotating days; exposed to coal dust & ashes, high temperatures from boiler, loud noises & unpleasant weather conditions.
CLASS TITLE | CLASS NUMBER | B. U. | EFFECTIVE | PAY RANGE
--- | --- | --- | --- | ---
Boiler Repair Worker | 54513 | 06 | 01/09/2005 | 06

**JOB DUTIES IN ORDER OF IMPORTANCE:** (These duties are illustrative only. Incumbents may perform some or all of these duties or other job-related duties as assigned.)

Cleans, services & repairs boilers, pumps, fans, motors, turbines, compressors, combustion controls, water softeners, heaters, conveyors, pollution control & related equipment.

Prepares boilers for inspection (e.g., cleans & repairs tubes, replaces gaskets, cleans scale & soot from boilers, checks grates & combustion control equipment).

Performs variety of miscellaneous related duties (e.g., maintains fuel & waste/DSA handling equipment; removes ashes; fills coal bunkers; operates, cleans & repairs coal &/or fuel handling equipment; assists in taking gauge readings, firing boilers, making adjustments & keeping records; cleans power house machinery, equipment & building; maintains security of power house, vehicles, tools & other equipment; searches inmates & work areas for contraband; performs emergency maintenance duties for institution).

**MAJOR WORKER CHARACTERISTICS:**

Knowledge of safety practices & procedures related to boiler maintenance & repair. Skill in operating powerhouse equipment & at some locations, front end loader, backhoe, forklift, Bobcat or dump truck; maintenance & repair of boiler & water systems; operating hand & power tools. Ability to carry out simple instructions; read, copy & records figures; read short sentences; cooperate with co-workers; demonstrate strength to lift up to 100 pounds; stand, walk or bend for long periods of time; use limbs, fingers or hands to operate equipment, machinery or tools.

(*)Developed after employment.

**MINIMUM CLASS QUALIFICATIONS FOR EMPLOYMENT:**

9 mos. trg. or 9 mos. exp. in operation, maintenance & repair of boiler & powerhouse equipment; valid driver's license.

-Or equivalent of Minimum Class Qualifications for Employment noted above.

**TRAINING AND DEVELOPMENT REQUIRED TO REMAIN IN THE CLASSIFICATION AFTER EMPLOYMENT:**

Not applicable.

**UNUSUAL WORKING CONDITIONS:**

May work flexible hours; exposed to unpleasant weather conditions, dirt, dust, noise & high temperatures.