

**BOILER TECHNICIAN**

*The following class specification is intended to represent only the key areas of responsibilities; specific position assignments will vary depending on the business needs of the department.*

**DEPARTMENT:** Environmental Management

**REPORTS TO:** Plant Shift Supervisor

**CLASS SUMMARY**

Ensures safe boiler operations of the County's refuse-fired steam generating facility.

**DISTINGUISHING CHARACTERISTICS**

The Boiler Technician is the first level of a four level plant operator series. The Boiler Technician is distinguished from the Pollution Control Specialist in that it performs entry level plant operations activities.

**TYPICAL CLASS ESSENTIAL DUTIES**

- Conducts hourly inspections of plant equipment to include observing equipment operations; recording pressure and temperature readings; and conducting preventative maintenance.
- Maintains plant equipment by assessing damage and making repairs and replacements as necessary.
- Performs plant washdowns using high-pressure water hoses.
- Assists other plant personnel with equipment repairs and special projects.
- Participates in training programs related to new equipment and procedures.
- Performs other duties of a similar nature or level.
- Performs work during emergency/disaster situations.

**POSITION SPECIFIC DUTIES**

Does not apply.

**KNOWLEDGE AND SKILLS**

Knowledge of:

- Principles of steam-driven plant operations;
- Safety requirements;
- Mechanical concepts;
- Measurement and reporting techniques;
- Plant equipment inspection, repair, and maintenance;
- Boiler and turbine systems and components;
- Cleaning techniques;
- Waste disposal concepts.

Skill in:

- Using hand and power tools;
- Conducting visual inspections;
- Welding equipment;
- Preparing logs;
- Calibrating equipment;
- Reading gauges and meters;
- Using hand and power tools;
- Operating heavy equipment;
- Measuring temperature and pressure and interpreting readings;
- Communication, interpersonal skills as applied to interaction with coworkers, supervisor, the general public, etc. sufficient to exchange or convey information and to receive work direction.

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### **TRAINING AND EXPERIENCE**

High School Diploma or General Equivalency Diploma (GED) and one year of related industrial experience; or an equivalent combination of training and experience sufficient to successfully perform the essential duties of the job such as those listed above.

### **LICENSING/CERTIFICATION**

None required.

### **PHYSICAL REQUIREMENTS/WORKING CONDITIONS**

Typically requires climbing, balancing, stooping, kneeling, crouching, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, hearing, seeing, and repetitive motions.

Medium Work: Exerting up to 50 pounds of force occasionally, and/or up to 20 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects.

May be subjected to moving mechanical parts, electrical currents, vibrations, fumes, odors, dusts, gases, poor ventilation, chemicals, oils, extreme temperatures, inadequate lighting, work space restrictions, intense noises, and travel.

### **GENERAL INFORMATION**

FLSA Status: Non-exempt

Class Spec Established/Revised: E11/99