



## **BOILER MECHANIC (Series 5309)**

### **Responsibilities**

- Make complex technical decisions and judgements for repairs on complex boiler systems
- Use test equipment such as pyrometers, ohmmeters, and flow meters to identify defects, repairs needed, or preventive maintenance required
- Use stationary and industrial type power equipment such as, power saws, lathes, and grinders to repair or install equipment
- Troubleshoot and repair pollution control equipment such as bag houses, and electrostatic precipitators using specialized test equipment
- Maintain remote heating boilers and perform major overhauls of the entire system including repair, replacement, and installation of boilers and equipment

### **Qualifications**

- Install and maintain a variety of steam and/or hot water equipment systems
- Demonstrated knowledge of mechanical, electromechanical, pneumatic principles, electronics to repair and maintain power boilers
- Troubleshoot, Maintain, and repair defective equipment and components in power plants and heating systems
- Maintain and adjust hydraulic, safety valves, feed water pumps, fuel lines, and gas line components
- Interpret instructions and specifications, including blueprint reading
- Use and maintain tools and equipment
- Demonstrate knowledge of equipment assembly, installation, repair, etc.

### **Requirements:**

- Position requires employee to work other than normal duty hours, which may include evenings, weekends, and/or holidays.
- Position may be required to be on "on-call" status.
- Position may be required to work Emergency Overtime.
- Employee may be required to obtain a California Backflow Prevention Installation, Repair and Testing-Grade 1 Certification.