



BOILER PLANT OPERATOR (5402 Series)

Duties

- Maintains efficiency of boiler plant operating equipment.
- Start, operate, and maintain a power boiler facility to meet load demands and maintain efficient levels of combustion and compliance with pollution laws.
- Operate from cold starts through normal operation and hot on emergency shut downs;
- Interprets information in blueprints, charts, and sketches to adjust, replace, and repair boiler system equipment.
- Logs hourly readings on equipment (e.g., gauges, meters, recorders, boiler water level indicators) to screen for abnormalities.
- Observes readings on gauges, meters, detectors, recorders, boiler water indicators, or computer generated and analog displays to detect danger signals in operations.
- Follows job guides, regulations, technical orders, or operating procedures to maintain or repair boiler systems.
- Adjusts feed water regulators and pumps, thermostats, and electrodes to maintain operation.
- You will assist with the operations and minor maintenance of power and heating boilers fired by fuel oil and natural gasses.
- Setting and adjusting flame patterns and various combustion settings;
- Calibrate, adjust and use complex and sophisticated testing, monitoring, and measuring of equipment and devices;

Qualifications

- Assist in operating semi-automatic gas/oil fired high pressure boilers and auxiliary equipment (e.g., turbine and electric feed water and fuel pumps, electric driven forced draft fans, air compressors, water softening, and de-aerating equipment);
- Assist with adjusting fuel feed controls;
- Changing from gas to oil.
- **PHYSICAL EFFORT AND WORK CONDITIONS:** You will be required to perform your duties indoors and outdoors in high and low temperatures, wet, dry, and dusty conditions, and may be required to work in confined quarters while handling tools and materials which are conducive to cuts, abrasions, burns, scalds and electric shock. In addition, you may be required to do heavy lifting and work on breaching, roof ventilators, steam mufflers and other high places, and you must have the strength and agility to move tools and equipment under all conditions.

Conditions of Employment

- Obtain and maintain an interim and/or final security clearance prior to entrance on duty. Failure to obtain and maintain the required level of clearance may result in the withdrawal of a job offer or removal.



- Rotating Shifts (Days & Hours) | Overtime as required.
- This is a bargaining unit position.
- May be required to report in emergencies and inclement weather.
- Successfully complete a pre-appointment physical examination.