

## BOILER REPAIRER

NATURE OF WORK IN THIS CLASS:

Performs skilled work in the installation, maintenance, and repair of high pressure steam boilers, auxiliaries and similar systems.

Employee in this class perform work under general supervision and may lead less skilled workers on assigned tasks.

ILLUSTRATIVE EXAMPLES OF WORK: (Any one position may not include all the duties listed, nor do the examples cover all duties may be performed.)

Installs, aligns, adjusts and repairs oil burners and other types of burning mechanisms; installs, adjusts, and repairs automatic and hand operated stokers and auxiliaries such as motors, pilots, igniters and thermostatic control devices; traces malfunctions and replaces fixtures such as safety devices, thermostats heating elements, overload switches, heater strips and magnetic coils; disassembles small electrical motors and replaces bearings and brushes; cleans, greases, and reassembles bearings and brushes.

Installs, tests and adjusts various safety cut-off and automatic controls and thermostats; hooks up distribution lines with support hangers; traces short circuits and repairs frayed or burned insulation, and broken or disconnecting wires, working from blueprints and sketches; tests units or systems upon completion of the repair to insure that they are operating according to requirements.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES, AND SKILLS:

Knowledge of the standard methods, practices, tools and equipment used in the maintenance, installation and repair of boilers.

Knowledge of the various methods of distribution, and the construction and operating characteristics of complicated boiler units and systems.

Knowledge of where and how the parts, accessories, and components of heating systems are installed and how they work together.

Ability to determine when parts and components should be cleaned and reinstalled, repaired or replaced with new parts and components.

Ability to interpret and work directly from manuals and schematics.

Ability to read and follow oral and written instructions.

Ability to maintain records and prepare reports from them.

Ability to apply safe work practices on the job.

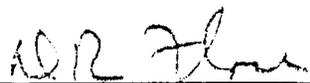
Skill in the maintenance, installation and repair of boilers.

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MINIMUM EXPERIENCE AND TRAINING:

- (a) Four years of experience in the installation, maintenance and repair of high-pressure steam boiler; or
- (b) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

ESTABLISHED: JULY 1980



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DAVID R. FLORES, EXECUTIVE DIRECTOR  
Civil Service Commission