

## BOILER OPERATOR

NATURE OF WORK IN THIS CLASS:

Performs skilled work in the operation and maintenance of high pressure steam boilers, tanks, condensers, uptakes, stacks and similar structures of heavy-gauge metal plates.

Employees in this class perform work under general supervision and may lead semi-skilled workers and helpers 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.)

Operates automatically fired boilers to generate steam; starts pulverizer and stoker to grind and feed oil into furnace of boiler; observes pressure, temperature and draft meters on panels to verify specified operation of automatic combustion control septers, feed water regulators, stoker, pulverizer and burners; turns valves and adjusts controls to set specified fuel feed, draft openings, water level, and steam pressure of boilers.

Observes boilers and auxiliary units to detect malfunctions and makes repairs such as changing burners and tightening pipes and fittings; tests boiler feed water, using specified chemicals; opens, drains, and washes boilers.

Performs maintenance tasks; packs valves; repairs pipelines and replaces gage glasses; sets fuel feed and dampers.

Records gauge and meter readings; inspects equipment for irregularities and makes adjustments; records operational data in boiler log.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Knowledge of the standard methods, practices, tools and equipment used in the operation and maintenance of high pressure boilers and related equipment.

Knowledge of the firing operation of high pressure boilers.

Ability to work under hazardous and unpleasant worksite conditions including vibration, excessive noise, fumes, acids, flying particles, welding flashes, dust, dirt and grime.

Ability to understand and follow oral and written instructions.

Ability to apply safe work practices on the job.

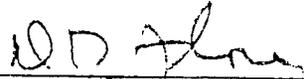
Skill in boiler operation and maintenance work.

MINIMUM EXPERIENCE AND TRAINING:

(A) Four years of experience in the operation and maintenance of high pressure boilers; 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