

PLANT MAINTENANCE ENGINEER

KIND OF WORK

Skilled maintenance work on mechanical systems.

NATURE AND PURPOSE

An employee in this class is responsible for performing skilled mechanical work in the maintenance, operation and repair of heating and power equipment and other mechanical systems.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Performs skilled maintenance and repair work on heating and power equipment, boilers, engines, turbines, stokers, conveyors, generators, pumps, compressors, heaters and motors.

Checks oil lines, pumps, bearings, meters, valves, regulators and controls.

Packs valves and replaces liners, rods and bearings.

Performs steamfitting work in repairing and replacing steam pipes and radiators.

Performs plumbing work in installing, replacing and repairing water fountains, toilet bowls, wash bowls, faucets, water and sewer lines.

Maintains, repairs and adjusts elevators, ventilating and refrigeration equipment, electrical appliances, sterilizers, mangles, presses, dryers, steamers and similar equipment.

Does electric and acetylene welding.

May, on occasion, relieve a shift engineer.

Supervises helpers.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Considerable knowledge of the principles and practices involved in the operation and maintenance of high-pressure boilers, heating, plumbing, ventilating and electric systems.

Considerable knowledge of the safety and accident prevention measures and practices.

Skill in:

Skill in the use of tools and the trade.

Ability to:

Ability to maintain, adjust and repair such mechanical systems and auxiliary appliances.

LEGAL/LICENSURE REQUIREMENTS

Possession of a valid Steam Engineer's License of the class required by law for the size of plant and work situation involved.

Est.: 4/40

Ckd.: 3/41, 5/52, 2/54, 8/58

11/77, 11/92

T.C.:

Former Title(s):