

CLASS TITLE: PLUMBER SUPERVISOR/WATER TREATMENT OPERATOR

Class Code: 02342900

Pay Grade: 22G

EO Code: G

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: As a working supervisor, to lay out, supervise, and participate in the work of skilled plumbers/operators engaged in the installation, maintenance, inspection and repair of hot and cold water, heating, sewage and drainage systems; to supervise the installation, inspection and repair of related fittings, accessories and appliances; to manage, operate and maintain a water supply, treatment facility and associated water transmission system; and to supervise the operation and maintenance of the water and sewage distribution systems and all other related and pertinent work as assigned; to insure that the water system is in compliance with EPA and RI Department of Health regulations, is secure and safe and is capable of delivering the treated potable water to 15,000 residents, students and employees; to insure that the sewage system is capable of discharging the University's sanitary waste to the South Kingstown Sanitary Sewage Station and Treatment Plant.

SUPERVISION RECEIVED: Works under the general direction of a superior, and the Director, usually without technical supervision; assignments result from the flow of work or may be received in outline form from a superior.

SUPERVISION EXERCISED: Directly supervises the work of skilled plumbers and other assigned to assist in plumbing work; makes a specific assignments and gives instructions in methods and procedures when necessary; usually inspects work during process and upon completion for compliance with instructions.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To supervise and work in conjunction with skilled plumbers engaged in installing, maintaining and repairing hot and cold water, heating, gas, compressed air, sewage and drainage systems.

To cut, bend, thread, assemble, wipe and solder various pipes, fittings, joints, valves, cocks, etc., in connection with installing, altering, replacing and repairing plumbing systems.

To maintain, adjust and repair thermostatic mixing valves.

To analyze and interpret blueprints and sketches, and obtain required materials, supplies and equipment from stock, and issue same to skilled plumbers.

To locate, when necessary, various sources of trouble from primary and secondary indications, and take necessary steps to correct such trouble.

To be responsible for the performance of plumbing duties in connection with cafeteria equipment, such as steam tables, steam cookers, scullery units and dishwashing machines.

To be responsible for plumbing maintenance of lavatory facilities, faucets, drinking fountains and sprinkler systems.

To submit written requests for supplies and equipment, including the determination of kind, size, quantity and quality.

To supervise the operation, monitoring, inspection and maintenance of the water treatment facility and the associated transmission system.

To keep records of system operation and performance, and to insure that proper pH levels through lime injections, are maintained.

To monitor, record and perform repairs, calibrations and adjustments to insure the proper quality and quantity of the drinking water.

To supervise the operation and maintenance of the water and sanitary sewage distribution systems, to insure proper distribution systems, to insure proper distribution of water and discharge of sewage (distribution system shall include all pipes, tank, manholes, valves and backflow preventers).

To insure that all operators and contractors personnel take the appropriate steps to maintain the security of the public drinking water system.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS, AND CAPACITIES: A thorough knowledge of plumbing installation, maintenance and repair operations; a thorough knowledge of appropriate safety measures; skill in assembling and connecting fixtures and appliances used in plumbing systems; the ability to analyze and work from blueprints, working drawings and sketches; the ability to lay out and supervise the work of skilled plumbers; the ability to make written reports; and related capacities and abilities.

EDUCATION AND EXPERIENCE:

Education: Such as may have been gained through: possession of a high school degree or equivalency; and a minimum of ten credit hours of instruction in the operation of a water treatment facility and associated transmission and distribution system (to be updated on an annual basis); and

Experience: Such as may have been gained through: employment as a skilled plumber and one year of experience operating a water treatment facility.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Special Requirement: At the time of appointment must possess either a master or journeyman plumber's license in the State of Rhode Island. Must possess a Class I Drinking Water Treatment Certification for operating and maintaining a water treatment facility and associated transmission and distribution systems.

Class Created: October 31, 2004