

SENIOR WATER SERVICE TECHNICIAN
USW GRADE 7
Orleans, Massachusetts

Definition

Manual and supervisory work relating to the installation, operation, maintenance, and repair of the municipal water supply and distribution facilities; all other related work as required.

Supervision

Works under the general supervision of the Water Superintendent.

Performs varied duties of both a mechanical and technical nature to maintain proper plant and equipment functioning, following clearly prescribed procedures.

Occasionally supervises two employees; responsible for the operation of the water department in the absence of the Water Superintendent and Water Foreman.

Job Environment

Work is performed under shop and field conditions with exposure to hazardous chemicals, toxic conditions and electrical hazards; work is often performed in confined spaces; incumbent may be subject to adverse weather conditions; must participate in on call rotation; required to work evenings or weekends, and to responds to emergency or unpredicted situations.

Operates a variety of vehicles and machinery associated with the operation, maintenance, and repair of the equipment and facilities, including light and heavy trucks and equipment, power tools, and hand tools.

Makes occasional contact with vendors and other department and Town personnel.

Errors could result in delay or loss of service, damage to buildings and equipment, and personal injury to self and/or others.

Essential Functions

(The essential functions or duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.)

Performs various construction, maintenance and repair work on water system including water mains, pipes, meters, valves, gates, hydrants and ancillary equipment.

Operates excavating machinery in the maintenance and repair of water facilities and systems.

Uses leak detectors to locate breaks in water mains and services; shuts down gates and makes necessary repairs; repairs service leaks and mail leaks; drives service trucks to and from job sites.

Operates a tapping machine to install services under pressure.

Performs various functions relating to the maintenance of the water distribution system, such as flushing mains.

Locates and operates gate valves during maintenance programs and emergencies. Marks out services pipes and mains for Dig Safe contractors, etc.

Removes, stores and reinstalls seasonal meters as directed; records usage and bin locations; tests meter; flushes and checks service pipe.

Repairs defective gate valves; replaces broken curb boxes or valves.

Participates in the semi-annual reading of meters; repairs defective meters; replaces meters which are more than fifteen years old, logs each meter replacement; maintains meter books.

Makes repairs to motorized equipment such as changing of oil and filter, greasing, changing tires and other minor repairs.

Participates in annual inventory of all Water Department supplies and equipment and contents of the service trucks.

Maintains records and reports as directed by Supervisor.

Participates in the daily and weekend water treatment plant duties.

Performs similar or related work as required or as situation dictates.

Recommended Minimum Qualifications

Education and Experience

High school diploma or equivalency; four years' experience in the maintenance, repair, and operation of a public water supply and distribution facility and related equipment preferred; two years' experience in the operation of excavating machinery, and front-end loader; or any equivalent combination of education and experience.

Special Requirements

Massachusetts Class B Commercial driver's license.

Hoisting Engineer's license 2B.

Drinking Water Supply Facilities Grade T-1 & Grade 3 Distribution licenses.

OSHA 30

Knowledge, Ability and Skill

Knowledge. Working knowledge of the general design and operation of a water system. Working knowledge of safety procedures and standards relating to the operation of heavy equipment.

Ability. Ability to install and make repairs to meters. Ability to install and make repairs to the water distribution system and its appurtenances.

Skill. Skill in the use of hand tools and equipment.

Physical Requirement

Moderate to strenuous physical effort generally demanded. Incumbent must have excellent eyesight and hearing well within normal ranges and the ability to distinguish colors. Frequently required to stoop, bend, squat, kneel and work in cramped quarters. Frequently required to lift heavy objects. Incumbent is required to stand, walk, use hands to finger, handle, feel or operate objects, tools, or controls, and reach with hands and arms.

(This job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.)