

**Job Description: Union Position
Town of Pembroke, Massachusetts**

Position Title

Water Technician Distribution I or II

Responsibilities and Essential Functions

- Operates a variety of small stationary equipment such as air compressors, portable generators, pumps, etc.
- Operates a wide variety of small equipment such as tractors, mowers, power saws, etc.
- Operates automotive equipment, such as pickup trucks, small vans, or cars, to transport equipment to/from work sites
- Performs minor painting work.

Supervision

Under the direct supervision of a higher-level operation or maintenance employee.

Recommended Minimum Requirements

Education and Experience

- High school graduation or possession of a high school equivalency diploma and two (2) years of experience as a laborer
- Two (2) years of experience as a laborer
- Minimum Grade T1 and/or Grade D1 Drinking Water License
- MA CDL Class B License (L) with Air Brake Endorsement
- Satisfactory equivalent combination of the foregoing training and experience

Knowledge, Abilities, and Skills

- Good knowledge of the techniques and terminology used in the operation of mechanical equipment
- Ability to operate a variety of mechanical equipment
- Ability to follow oral or written instructions
- Ability to work alone or with others
- Ability to learn new work quickly
- Mechanical ability
- Manual dexterity
- Physical condition commensurate with the duties of the position.

Special Requirements

Where the position requires the operation of motor equipment, possession of a valid license to operate a motor vehicle in Massachusetts appropriate to the vehicles to be operated.

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**Job Description: Union Position
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Position Title

Water Technician – Distribution Grades III or IV

Responsibilities and Essential Functions

- Takes various samples of treated water and distribution system samples; packages for processing.
- Performs general preventive and scheduled maintenance; assists on major maintenance and repairs. Reads water meters; performs water service connections and disconnections; inspects meters for leaks and improper functioning; changes out meters
- Makes repairs and/or replaced water lines, pumps, motors, meters, hydrants, and valves.
- Responds to customer needs and complaints
- Locates and marks water lines for other contractors
- May serve as backup Operator in Responsible Charge (ORC) for the well system or the distribution system
- Collects water samples
- Performs related duties as required

Job Environment

Employees are subject to hazards associated with field work including working both inside and outside environments, in extreme hot and cold weather, and exposure to various hazards such as loud noises, moving mechanical parts, electrical current, chemicals, fumes, odors, dusts, mists, gases, poor ventilation, working in small spaces. Workers may be required to wear respirators when working around water mains.

Supervision

Work is performed under general supervision and reviewed by observation, conference, and reviewing records for adherence to operations standards, instructions, and safety practices.

Recommended Minimum Requirements

Education and Experience

Any combination of education and experience equivalent to graduation from high school supplemented by coursework and experience in the operation and maintenance of a water distribution system with a Grade DIII Drinking Water License.

Knowledge and Abilities

Knowledge

- Working knowledge of applicable federal, state, and local laws, ordinances, and permitting requirements. Working knowledge of the occupational hazards of the work and of necessary safety precautions
- Some knowledge of standard laboratory test and procedures used in a water treatment plant.
- Some knowledge of the application of information technology to utility system record keeping and plant equipment operation and maintenance

Abilities

- Ability to conduct routine laboratory test
- Ability to understand and follow moderately complex oral and written instructions.
- Ability to read meters, charts, and technical manuals and drawings accurately and to maintain records of shift operations
- Ability to establish and maintain effective working relationships with peers and superiors.

Physical Requirements

- Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, reaching, walking, pushing, pulling, lifting, grasping, and hearing
- Must be able to perform medium work exerting up to 50 pounds of force occasionally; and/or up to 20 pounds of force frequently; and/or up to 10 pounds of force constantly to move objects
- Must possess the visual acuity to read gauges, dials, and observe moving parts of machines, and to record and review written records

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**Job Description: Union Position
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Position Title

Water Technician (Grades III-IV) Treatment

Responsibilities and Essential Functions

- Makes regular tours of wells and treatment plant and checks pumps, generators, filters, chlorinators, and other equipment for proper functioning; takes samples and performs various tests for proper chemical feed; adjusts chemical feeds as necessary; makes records of inspections of wells and other system points. Records data from various meters, gauges and dials; logs daily, weekly, and monthly activities; inputs data into computer
- Takes various samples of raw and treated water and distribution system samples; packages for processing. Performs standard laboratory chemical tests
- Performs general preventive and scheduled maintenance; assists on major maintenance and repairs.
- Makes repairs and/or replaced pumps, motors.
- Responds to customer needs and complaints
- May serve as backup ORC for the well system.
- Collects water samples
- Performs related duties as required

Job Environment

Employees are subject to hazards associated with plant operations and field work including working both inside and outside environments, in extreme hot and cold weather, and exposure to various hazards such as loud noises, moving mechanical parts, electrical current, chemicals, fumes, odors, dusts, mists, gases, poor ventilation. Workers may be required to wear respirators when working around chemicals.

Supervision

Work is performed under general supervision and reviewed by observation, conference, and reviewing records for adherence to operations standards, instructions, and safety practices.

Recommended Minimum Requirements:

Education and Experience

Any combination of education and experience equivalent to graduation from high school supplemented by coursework in chemistry or biology and experience in the operation and maintenance of a well water treatment plant Grade T3 Drinking Water License.

Knowledge and Abilities

Knowledge

- Working knowledge of the operating characteristics and maintenance requirement of well water systems and treatment plants
- Working knowledge of applicable federal, state, and local laws, ordinances, and permitting requirements. Working knowledge of the occupational hazards of the work and of necessary safety precautions

- Some knowledge of standard laboratory test and procedures used in a water. Some knowledge of hydraulic, chemical and mechanical principles pertinent to wells and water treatment plant operations
- Some knowledge of the application of information technology to utility system record keeping and plant equipment operation and maintenance

Abilities

- Ability to detect flaws in the operation of mechanical equipment and to determine proper remedial measures. Ability to conduct routine laboratory test
- Ability to understand and follow moderately complex oral and written instructions.
- Ability to read charts, and technical manuals and drawings accurately and to maintain records of shift operations
- Ability to establish and maintain effective working relationships with peers and superiors.

Physical Requirements

- Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, reaching, walking, pushing, pulling, lifting, grasping, and hearing
- Must be able to perform medium work exerting up to 50 pounds of force occasionally; and/or up to 20 pounds of force frequently; and/or up to 10 pounds of force constantly to move objects
- Must possess the visual acuity to read gauges, dials, and observe moving parts of machines, and to record and review written records

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