



Town of Blandford Massachusetts

Job Title: Treatment Plant Operator in Training	Location: 1 Russell Stage Road, Suite 16
Job Type: Hired	Reports To: Water Commissioners
Hours per Week: As needed, TBD	Pay Basis: Hourly

NATURE OF WORK IN THIS CLASS:

This position involves skilled work in operating water treatment processes, machinery and equipment. Work involves responsibility for operating specialized systems, machinery and equipment in the treatment of water. Work is performed in accordance with standard, well-defined operating procedures under general supervision of an operator of higher grade who reviews work thru inspections and monitoring of plant operations. Supervision may be exercised over other employees. Employee may be required to work various shifts, locations, and weekends.

ESSENTIAL DUTIES AND RESPONSIBILITIES including but not limited to the following:

Operates assigned water treatment and processing systems, machinery and equipment to control the flow, processing and treatment of water.

Operates pretreatment, conditioning and chlorination equipment.

Operates pumping stations, conveyors, pumps, blowers, heating boilers and systems, compressors, tanks, channels and related auxiliary and appurtenant machinery and equipment.

Monitors gauges, meters and control panels; observes variations in operating conditions; interprets meters, gauge readings and test results in relation to processing requirements.

Operates valves and gates either manually or by remote control; starts, stops pumps, engines, generators and related equipment to control, adjust and correct flow and treatment processes; carries out pumping schedules to obtain proper velocities, elevations and operating results.

Maintains clean and orderly condition of assigned equipment, facilities, and station.

Maintains shift log for equipment operated; records gauge and meter readings, observations and activities, using modern equipment and technology.

Performs preventive maintenance on various equipment.

Performs general repair and maintenance on various equipment

Assists in repair and maintenance of large equipment.

Operates chlorinators and appurtenances in accordance with chlorine demand.

Orders and receives chemicals pertaining to the treatment and disinfection of the water treatment process.

Maintains all equipment pertaining to the chemical used for the water treatment process.

Regularly inspects operation and condition of assigned equipment; defects, reports faulty operation, failures, disorders, interruptions, breakdowns or unusual conditions to senior operator or supervisor. Assists in restoring normal operation of equipment. Troubleshoot equipment and/or systems

Performs related work as required

KNOWLEDGE, ABILITIES AND SKILLS:

Must be able to read, write, speak and understand English sufficiently to perform the duties of this position.

Considerable knowledge of the principles, procedures, practices, methods and techniques of operating water treatment machinery and equipment.

Working knowledge of occupational hazards and safety practices and procedures of water treatment plants.

Working knowledge of American Water Works Association manuals of practices, including safety manuals, pertinent to the class.

Must be able to safely operate a variety of specialized water treatment machinery.

Must be able to understand and follow written and oral instructions, including plans and sketches.

Must be able to read meters, gauges and recorders, to make indicated adjustments, and to prepare operating reports.

Must be able to detect and correct malfunctions of assigned water treatment machinery and equipment.

Must be able to establish and maintain effective working relationships with assistants and supervisors and commissioners.

CERTIFICATES, LICENSES, REGISTRATIONS:

Must possess and maintain a Grade 2T operator in training certificate of water treatment plant operator for the facility as issued by the Massachusetts Board of Certification of Water Treatment Facilities.

Must possess and maintain a Grade 1D certificate of water treatment plant operator for the facility as issued by the Massachusetts Board of Certification of Water Treatment Facilities.

Must possess and maintain a current Massachusetts Drivers license.

PHYSICAL DEMANDS:

The physical demands described here are represented of those that must be met by an employee to successfully perform the essential functions of this job.

The employee must regularly lift and carry up to 20 pounds. The employee must be able to lift and carry boxes of supplies, materials and equipment weighing up to 50 pounds necessary to perform job functions.

Must be able to negotiate slopes and rugged terrain, climb ladders, work in confined space including below ground pits.

EXPERIENCE AND TRAINING:

Experience in the operation of water treatment machinery or equipment; or considerable experience in the operation of closely related industrial process, or similar equipment and machinery.

Graduation from a standard high school or vocational school supplemented by college level or technical school courses in water treatment or closely related fields. Must be computer trained. Must complete a min of 6 months of on the job training.