

CHIEF OPERATOR, GRADE I-A (WATER TREATMENT) AND SYSTEM SUPERVISOR II*

DISTINGUISHING FEATURES OF THE CLASS: This is a supervisory and technical position having responsible charge of both the complete and actual operation of a Type A potable water treatment plant which treats over 2.5 million gallons per day as well as the safe, efficient operation and maintenance of a water distribution system including pump stations. General direction is received from a Board of Water Commissioners but wide leeway is allowed for planning work methods and dealing with emergency conditions. Supervision is exercised over a number of skilled and unskilled subordinates. Does related work as required.

TYPICAL WORK ACTIVITIES:

Supervises the operation of the plant and the maintenance and extension of the water distribution system to assure the most efficient and economical use of equipment, supplies and manpower;
Makes daily inspection of plant and plant machinery;
Makes or supervises necessary tests for control of plant operation;
Issues instructions for the regulation of chlorinators and chemical feeders;
Schedules and supervises the cleaning and washing of filters;
Supervises and instructs operators, trainees, mechanics, meter readers and other subordinate employees;
Conducts periodic examinations of plant, construction and maintenance equipment used in the distribution system and directs necessary repairs and maintenance;
Supervises the installation, reading and repair of meters;
Conducts special studies for improvement of water quality, plant operations and water distribution;
Maintains inventory of supplies, chemicals, tools and equipment and requisitions materials;
Maintains records and prepares periodic reports;
Investigates complaints.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the practices used and equipment required in the operation and maintenance of a Type A potable water treatment plant; good knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification and distribution; good knowledge of the principles, practices, tools and terminology used in the construction and maintenance of a water distribution system; ability to read plans and specifications; ability to supervise the operation and repair of pumps, valves and related mechanical and electrical equipment; ability to plan and supervise the work of subordinates; mechanical aptitude.

MINIMUM QUALIFICATIONS: Possession of a valid Grade I-A (Water Treatment) certificate** issued under the provisions of Subpart 5-4 of the New York State Sanitary Code; and two (2) years of experience in the construction or maintenance of a water distribution system.

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**Certificate requirements are:

1. Graduation from high school or possession of an equivalency diploma; and
2. Successful completion of appropriate level water treatment operator courses; and
3. Ten (10) years of acceptable operating experience, with one (1) year at a water treatment plant with facilities for filtration; or
4. Educational substitutions for experience as deemed appropriate by Sec.5-4.4 of the New York State Sanitary Code.

NOTE: Type A potable water treatment plants have facilities for filtration.

SPECIAL REQUIREMENTS:

1. When required to operate a motor vehicle, possession of a valid driver's license appropriate to the size and kind of vehicle to be driven.
2. Must maintain the Grade I-A (Water Treatment) certificate throughout the course of employment in this title.

*This is a retitling of Water System Supervisor II.