

CHIEF WATER TREATMENT PLANT OPERATOR

System Classification: IIA

Distinguishing Features of the Class: The work involves responsibility of the complete and actual operation of a water treatment plant. This important supervisory and technical position involves the responsibility for the safe, efficient and effective operation and maintenance of a water treatment plant containing facilities for filtration with pretreatment or a chemical softening process. The incumbent supervises subordinates who operate a variety of plant equipment and machinery and performs laboratory tests and other analyses relative to water filtration and treatment processes. The incumbent also supervises subordinates who perform basic maintenance and repair of plant equipment and machinery. The work is performed under the general direction from the appointing authority, but wide leeway is allowed for planning work methods and dealing with emergency conditions. Supervision is exercised over operators, trainees, laboratory personnel, and mechanical and maintenance assistants. Does related work as required.

Typical Work Activities:

- Supervises the operation of the plant 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, and other subordinate employees;
- Conducts periodic examinations of plant equipment and directs necessary repairs and maintenance;
- Conducts periodic examinations of plant equipment and directs necessary repairs and maintenance;
- Conducts special studies for improvement of water quality and plant operations;
- Maintains inventory of supplies, chemicals and equipment;
- Requisitions materials;
- Maintains records and prepares periodic reports on the operation of the plant.

Full Performance Knowledges, Skills, Abilities and Personal Characteristics:

- Thorough knowledge of the equipment, principles and practices required in operating and maintaining a Water Treatment Plant containing facilities for filtration with pretreatment or a chemical softening process;
- Good knowledge of the operations of a modern water treatment plant;
- Good knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification;
- Ability to supervise the operation and repair of pumps, valves, and related mechanical and electrical equipment;
- Ability to make routine laboratory and field tests for control of plant operation;
- Ability to plan and supervise the work of subordinates;
- Ability to analyze and organize data and prepare records and reports;
- Ability to understand and follow oral and written instructions;
- Mechanical aptitude;
- Alertness and dependability;
- Physical condition commensurate with the demands of the position.

Chief Water Treatment Plant Operator

System Classification: IIA – continued

Minimum Qualifications:

Graduation from high school or possession of a high school equivalency diploma and one (1) year of operating experience at a water treatment plant with facilities for filtration and one (1) year of paid supervisory experience of subordinate employees.

SPECIAL REQUIREMENT:

Possession of a current Type IIA Water Treatment Plant Operator certificate issued by the New York State Department of Health at the time of appointment.

(Chapter I State Sanitary Code Subpart 5-4, Classification and Certification of Community and Nontransient Noncommunity Water System Operators, Statutory Authority: Public Health Law §225)

03/25/1980

06/23/1993

03/25/2009

CLASS: COMPETITIVE