

Jurisdictional Class: Competitive; Non-Competitive when Part Time; Non-Competitive in Villages for Type A
Adopted: June 9, 1980
Revised: May 3, 2010

CHIEF WATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: This is a supervisory and technical position involving responsibility for the safe and efficient operation and maintenance of a Water Treatment Plant classified under the provisions of the New York State Department of Health Sanitary Code and may also be assigned responsibility for operation and maintenance of the distribution system associated with the treatment plant. General direction is received 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. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

Supervises the operation of the plant to assure the most efficient and economical use of equipment, supplies, and personnel;
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 special studies for improvement of water quality and plant operations;
Requisitions materials and maintains inventory of supplies, chemicals, and equipment;
Maintains records and prepares periodic reports on the operation of the plant;
May be assigned responsibility for operating and maintaining the distribution system associated with the treatment plant.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:

Thorough knowledge of the practices used and equipment required in the operation and maintenance of a Water Treatment Plant pursuant to the classification of the plant;
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;
Mechanical aptitude.

MINIMUM QUALIFICATIONS: One (1) year of operating experience at a water treatment plant with a level of complexity equivalent to this plant classification and possession of a current appropriate Grade-level Water Treatment Plant Operator certificate issued by the New York State Department of Health for the designated plant classification as governed by the provisions of the New York State Sanitary Code.

NOTE: If the position involves responsibility for operation and maintenance of the water distribution system, possession of a Distribution System Operator certificate issued under provisions of the New York State Sanitary Code is required at time of appointment.