

**CHIEF WATER TREATMENT PLANT OPERATOR
TYPE C PLANT**

DISTINGUISHING FEATURES OF THE CLASS: This is an important supervisory and technical position involving responsibility for the safe and efficient operation and maintenance of a water treatment plant not falling in categories A and B that uses either ion exchange, iron and/or manganese removal, or chemical feeding or filtration without pretreatment. 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.

TYPICAL WORK ACTIVITIES: *The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.*

Supervises the operation of the plant to assure the most efficient and economical use of equipment, supplies and manpower;

Makes daily inspection of plan and plant machinery;

Makes or supervises necessary tests for control of plant operations;

Issues instructions for the regulation of chemical feeders;

Schedules and supervises the cleaning and washing of filters, if existing;

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;

Maintains inventory of supplies, chemicals and equipment;

Requisitions materials;

Maintains records and prepares periodic reports on the operation of the plant.

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FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARAC-

TERISTICS: Thorough knowledge of the practices used and equipment required in the operation and maintenance of a water treatment plant not falling in categories A and B that uses either ion exchange, iron and/or manganese removal, or chemical feeding or filtration without pretreatment; good knowledge of the principles and application 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; alertness; and dependability.

MINIMUM QUALIFICATIONS:

- I. Type C Plant whose designated capacity exceeds 7.5 million gallons per day:
Graduation from high school or possession of a New York State High School equivalency diploma; satisfactory completion of an appropriate course of instruction approved by the Public Health Council; not less than six months of satisfactory experience in the actual operation of a water treatment plant not falling in categories A and B that uses either ion exchange, or iron and/or manganese removal, chemical feeding or filtration without pretreatment.
- II. Type C Plant whose designated capacity is 7.5 million gallons or less per day:
Graduation from high school or possession of a New York State High School equivalency diploma; satisfactory completion of an appropriate course of instruction approved by the Public Health Council; not less than one month of satisfactory experience in the actual

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operation of water treatment plant not falling in categories with A and B that uses either ion exchange, or iron and/or manganese removal, or chemical feeding or filtration without pretreatment.

SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATIONS:

- I. Type C Plant whose designated capacity exceeds 7.5 million gallons per day:
Eligibility for a Grade II-C certificate issued under the provisions of the New York State Sanitary Code.
- II. Type C Plant whose designated capacity is 7.5 million gallons or less per day:
Eligibility for a Grade III-C certificate issued under the provisions of the New York State Sanitary Code.

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Last Reviewed: April 1, 1963
Jurisdictional Class: Competitive
Public Hearing: N/A
NYS Civil Service Commission Approval: N/A

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