

**WATER TREATMENT PLANT OPERATOR
TYPE C PLANT**

DISTINGUISHING FEATURES OF THE CLASS: This is routine but important work involving responsibility during a shift for the 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. The work is performed under general supervision of an operator qualified to be in charge of the operation of the plant. Supervision may be exercised over subordinate employees in the performance of their assigned duties.

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.*

Operates pumps, valves, motors and related machinery and equipment;

Performs maintenance work and makes minor repairs to machinery and equipment;

Records readings of meters, gauges, and scales;

Regulates and adjusts chemical feeders;

Washes filter beds and settling basins, if existing;

Takes samples of water for testing;

Makes necessary tests for control of plant operation;

Assists in the instruction of trainees;

Supervises the work of laborers and other subordinate employees;

Keeps a log of plant operations and related records;

Performs custodial duties in connection with maintenance of buildings and grounds.

WATER TREATMENT PLANT OPERATOR-TYPE C PLANT**Page 2****FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARAC-**

TERISTICS: Good knowledge of the practices used and the 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; working knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification; skill in 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 read, understand and carry out oral and written instructions; mechanical aptitude; alertness; and dependability.

MINIMUM QUALIFICATIONS: All Type C Plants require the same experience and training for a Water Treatment Plant Operator regardless of designated capacity:

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 (1) month of satisfactory experience in the actual operation 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.

SPECIAL REQUIREMENT FOR ACCEPTANCE OF APPLICATIONS: All Type C Plants require the same certificate for a Water Treatment Plant Operator regardless of designated capacity:

Eligibility for a Grade III-C certificate issued under the provisions of the New York State Sanitary Code.

WATER TREATMENT PLANT OPERATOR-TYPE C PLANT

Page 3

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NYS Civil Service Commission Approval: N/A

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