

**CHIEF WATER TREATMENT PLANT OPERATOR
TYPE B 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 Type B Water Treatment Plant with facilities for the application of chemicals to water, such as, chlorine or chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds, or the process of dechlorination. 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 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, 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;

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

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 Type B Plant with facilities for the application of chemicals to the water, such as, chlorine or chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds, or the process of dechlorination; 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 operations; ability to plan and supervise the work of subordinate; mechanical aptitude; alertness; and dependability.

MINIMUM QUALIFICATIONS:

I. Type B Plant whose designated capacity exceeds 4.0 million gallons per day:

Graduation from a university or school recognized by the University of the State of New York with a Bachelor of Science Degree; satisfactory completion of an appropriate course of instruction approved by the Public Health Council; not less than six (6) months of Satisfactory experience in the actual operation of a water treatment plant with facilities for the application of chemicals to the water such as chlorine or chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds, or the process of dechlorination, or any similar process.

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- II. Type B Plant whose designated capacity in 1.0 to 4.0 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 (6) months of satisfactory experience in the actual operation of a water treatment plant with facilities for the application to the water of chemicals having direct health significance such as chlorine or chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds, or the process of dechlorination, or any similar process.
- III. Type B Plant whose designated capacity is less than 1.0 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 three (3) months of satisfactory experience in the actual operation of a water treatment plant with facilities for the application to the water of chemicals having direct health significance such as chlorine or chlorine compounds, chlorine-dioxide, chlorine-ammonia, fluoride compounds, or the process of dechlorination, or any similar process.

SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATIONS:

- I. Type B Plant whose designated capacity exceeds 4.0 million gallons per day:
- Eligibility for a Grade I-B certificate issued under the provisions of the New York Sanitary Code.
- II. Type B Plant whose designated capacity is 1.0 to 4.0 million gallons per day:

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

III. Type B Plant whose designated capacity is less than 1.0 million gallons per day:

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

NOTE: Your degree or credits must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S. Secretary of Education. If your degree or credits were awarded by an educational institution outside of the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at: <https://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

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