

**WATER TREATMENT PLANT OPERATOR
TYPE B 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 Type B 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. 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 chlorinators;

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 B Plant
Page 2**

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

TERISTICS: Good 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; working knowledge of the principles and application 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 read, understand and record data from gauges, scales and meters; ability to make routine laboratory and field tests for control of plant operation; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness; and dependability.

MINIMUM QUALIFICATIONS:

- I. Type B Plant whose designated capacity exceeds 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.
- II. Type B Plant whose designated capacity is 1.0 to 4.0 million gallons per day or a 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

Water Treatment Plant Operator-Type B Plant
Page 3

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 II-B certificate issued under the provisions of the New York State Sanitary Code.
- II. Type B Plant whose designated capacity is 1.0 to 4.0 million gallons per day or 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.

Y:\CLASPLAN\Water Treatment Plant Operator-Type B Plant.doc
Last Reviewed: April 1, 1963
Jurisdictional Class: Competitive
Public Hearing: N/A
NYS Civil Service Commission Approval: N/A

Retyped into Microsoft Word on 7/9/04
Revised and Replaced in Classplan: 4/5/2023