

CHIEF OPERATOR, GRADE I-B (WATER TREATMENT)

DISTINGUISHING FEATURES OF THE CLASS: This is a technical and supervisory position having responsibility for the safe and efficient operation and maintenance of a Type I-B potable water treatment plant which treats 2.5 million or more gallons per day. The work is performed under general supervision of a public works superintendent. Work direction may be exercised over subordinate employees in the performance of their assigned duties. Does related work as required.

TYPICAL WORK ACTIVITIES:

Supervises the operation of the plant to assure the most efficient and economical use of equipment, supplies and manpower;
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;
Takes samples of water for testing;
Makes necessary tests for control of plant operation;
Assists in the instruction of trainees;
Keeps a log of plant operations and related records;
Performs custodial duties in connection with the maintenance of water treatment plant buildings and grounds.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of the practices used and the equipment required in the operation and maintenance of a Type I-B potable water treatment plant; good 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 record data from gauges, scales and meters; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness and dependability.

MINIMUM QUALIFICATIONS: Possession of a valid Grade I-B or higher (Water Treatment) certificate** as well as a Grade D certificate issued under the provisions of Subpart 5-4 of the New York State Sanitary Code.

**Certificate qualifications require:

1. Graduation from high school or possession of an equivalency diploma, and
2. Successful completion of appropriate level water treatment operator courses, and
3. Ten (10) years of operating experience at a water treatment plant, with two (2) years operating experience at a minimum of a grade B water treatment plant.

SPECIAL REQUIREMENTS:

1. When required to operate a motor vehicle, possession of a valid driver's license appropriate to the kind and size of vehicle to be driven.
2. Must maintain the Grade I-B or higher (Water Treatment) certificate and the Grade D certificate throughout the course of employment in this title.