

## **WATER TREATMENT PLANT OPERATOR**

**DISTINGUISHING FEATURES OF THE CLASS:** The incumbent in this position is responsible for the efficient operation and maintenance of a Water Treatment Plant. The work is performed under the general supervision of a higher level operator qualified to be in charge of the plant or a higher level administrator. This position may oversee the work of subordinate staff in the performance of their assigned duties. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

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 setting basins;  
Takes samples of water for testing;  
Makes necessary tests for control of plant operation;  
Assists in the instruction of new employees;  
Supervises the work of laborers and other subordinate employees;  
Keeps a log of plant operations and related records;  
May perform custodial/maintenance duties of the water treatment plant's buildings and grounds.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Good knowledge of the practices used and the equipment required in the operation and maintenance of a Water Treatment Plant containing facilities for filtration with pretreatment or a chemical softening process;  
Working knowledge of the principles and applications of physics, chemistry, and bacteriology as they relate to water purifications;  
Skill in the operation and repair of pumps, valves and related machinery and electrical equipment;  
Ability to make routine laboratory and field tests for control of plant operations;  
Ability to read, understand and record data from gauges, scales and meters;

Ability to understand and carry out oral and written instructions;  
Mechanical aptitude;  
Dependability;  
Alertness.

**MINIMUM QUALIFICATIONS:**

Graduation from high school or possession of an equivalency diploma and successful completion of the required water treatment operator course.

SPECIAL REQUIREMENT AT TIME OF APPOINTMENT: Possession of the required certificate as issued by the New York State Department of Health, Bureau of Public Water Supply Protection, under the provisions of the New York State Sanitary Code - Chapter 1, appropriate to the plant.

NOTE: Employees in this position may be required to work/be on call evenings and weekends.

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COMPETITIVE