

## **ASSISTANT WATER PLANT OPERATOR**

### **DISTINGUISHING FEATURES OF THE CLASS:**

This is routine, but important work involving responsibility for the safe and efficient operation and maintenance of a water treatment plant with/without facilities for filtration which treats over 2.5 MGD or treats 2.5 MGD or less and serves more than 1,000 people. The work is performed under supervision of an operator qualified to be in charge of the operation of the plant.

### **TYPICAL WORK ACTIVITIES:**

1. Assists in Operating pumps, valves, motors and related machinery and equipment;
2. Performs minor maintenance work and makes minor repairs to machinery and equipment;
3. Records readings of meters, gauges and scales, reporting any problems that may be discovered;
4. Regulates and adjusts chlorinators and other chemical feed systems;
5. Washes filter beds and settling basins;
6. Takes samples of water for testing;
7. Assist in making necessary tests for control of plant operation;
8. Keeps a log of plant operations and related records;
9. Performs custodial duties in connection with maintenance of buildings and grounds;
12. Does related work as required.

### **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 with/without facilities for filtration which treats over 2.5 MGD or treats 2.5 MGD or less and serves more than 1,000 people; working knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification; skill in the operation of pumps, valves and related mechanical and electrical equipment; ability to make routine laboratory and field tests for control of plan 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; physical condition commensurate with the demands of the position.

**ASSISTANT WATER PLANT OPERATOR** (Cont'd)

**MINIMUM QUALIFICATIONS:**

- I. Water Treatment Plant with facilities for filtration which treats over 2.5 MGD or 2.5 MGD or less and serves more than 1,000 people:

Graduation from high school or possession of a N.Y.S. high school equivalency diploma and one (1) year of experience at a water treatment plan with facilities for filtration.

- II. Water Treatment Plant without facilities for filtration which treats over 2.5 MGD or treats 2.5 MGD or less than 2.5 MGD and serves more than 1,000 people:

Graduation from high school or possession of a N.Y.S. high school equivalency diploma and one (1) year of experience at a water treatment plant.

**SPECIAL REQUIREMENT FOR ACCEPTANCE:**

Water Treatment Plant with facilities for filtration which treats 2.5 MGD or more or treats 2.5 MGD or less and serves more than 1,000 people:

Eligibility for a Grade IIA certificate issued under the provisions of the N.Y.S. Sanitary Code.  
Possession of the certificate at the time of appointment.

Water Treatment Plant without facilities for filtration which treats over 2.5 MGD or 2.5 MGD or less and serves more than 1,000 people:

Eligibility for a Grade IIB certificate issued under the provisions of the N.Y.S. Sanitary Code.  
Possession of the certificate at the time of appointment.