

**DEPARTMENT:** ALL APPLICABLE  
**CLASSIFICATION:** COMPETITIVE  
**APPROVED:** REVISED 3/10/2000

## WATER TREATMENT PLANT OPERATOR TYPE A PLANT

**DISTINGUISHING FEATURES OF THE CLASS:** Has responsibility during an assigned shift for the actual operation of a Water Treatment Plant. This is routine but important work involving responsibility during a shift for the efficient operation and maintenance of a Type A Water Treatment Plant containing facilities for filtration with pretreatment or a chemical softening process. 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. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

1. Operates pumps, valves, motors, and related machinery and equipment;
2. Performs maintenance work and makes minor repairs to machinery and equipment;
3. Records readings of meters, gauges, and scales;
4. Regulates and adjusts chlorinators;
5. Washes filter beds and settling basins;
6. Takes samples of water for testing;
7. Performs necessary tests for control of plant and distribution operation, including related chemical tests;
8. Assists in the instruction of trainees;
9. Supervises the work of laborers and other subordinate employees;
10. Keeps a log of plant operations and related records;
11. Performs custodial duties in connection with maintenance of building and grounds;
12. Operates computerized operational systems.

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

Good knowledge of the practices used and the equipment required in the operation and maintenance of a Type 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 related 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 dates 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 requirements of the position.

### **MINIMUM QUALIFICATIONS:**

### **PROMOTIONAL QUALIFICATIONS:**

Permanently appointed Water Treatment Plant Operator Trainee who possesses a New York State Grade II A Water Treatment Plant Operator Certificate and has at least six (6) months of on-the-job training, may be permanently appointed as a II A Water Treatment Plant Operator after Civil Service Commission review of the required certificates when submitted by the appointing authority.

**OPEN-COMPETITIVE:** Possession of a Grade II-A Water Treatment Plant Operator certificate issued under the provisions of the New York Sanitary Code.

### **SPECIAL REQUIREMENTS:**

1. In order to receive a temporary, provisional, or permanent appointment all candidates must undergo and pass a physical/fit test required under 29 CFR 1910 of the Occupational Safety and Health Administration Labor Code of Federal Regulations.
2. A Valid New York State Motor Vehicle License is required for appointment.