

## WATER TREATMENT PLANT OPERATOR - GRADE II

### 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 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 following is indicative of the level and types of activities performed by incumbents in this title. It is not meant to be all inclusive and does not preclude a supervisor from assigning activities not listed which could reasonably be expected to be performed by an employee in the title.

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. Makes necessary tests for control of plant operation;
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 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 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 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; physical condition commensurate with the demands of the position.

### MINIMUM QUALIFICATIONS:

Graduation from high school or possession of a N.Y.S. high school equivalency diploma AND:

Possession of a minimum of a Grade IIA certificate issued under the provisions of the N.Y.S. Sanitary Code at the time of application and to maintain position.

ADOPTED: 05/15/75  
REVISED: 05/01/89 (Water Treatment Plant Operator - Type A Plant) 11/03/89  
04/01/05 11/26/07 09/30/14 09/18/18