

Jurisdictional Class: Competitive; Non-Competitive when Part Time; Non-Competitive in Villages
Adopted: May 28, 1968
Revised: August 20, 2010

WATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: This work involves responsibility during a shift for the efficient operation and maintenance of a Water Treatment Plant classified under the provisions of the New York State Department of Health Sanitary Code. The operator makes decisions about the daily operations of the system that will directly impact the quality and/or quantity of the drinking water. 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. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

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 or chemical feeders;
Washes filter beds and settling basins;
Takes samples of water and makes necessary tests for control of plant operation;
Assists in the instruction of trainees;
Supervises the work of laborers and other subordinate employees;
Keeps a log of plant operations and related records;
Performs custodial duties in connection with maintenance of buildings and grounds.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:

Good knowledge of the practices used and the equipment required in the operation and maintenance of a Water Treatment Plant pursuant to the classification of the plant;
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.

MINIMUM QUALIFICATIONS FOR TRAINEE: Graduation from high school or possession of a high school equivalency diploma.

MINIMUM QUALIFICATIONS FOR OPERATOR: Possession of a current appropriate grade-level Water Treatment Plant Operator Certificate issued by the New York State Department of Health for the designated plant classification as governed by the provisions of the New York State Sanitary Code.