

Department: Towns and Villages
Classification: Non-Competitive
Grade: ____

SPEC DISK G3
DOCUMENT 44

WATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: The 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, specifically subpart 5-4 for either operator or Assistant Operator designations. 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;
Responsible agent, utilizing certification to fulfill all requirements of reporting to regulatory agencies;
Operator of responsible charge for on call duty for emergency response.
Performs custodial duties in connection with maintenance of buildings and grounds;
Performs maintenance and repairs on water distribution and sewer collection system;
Performs maintenance and repairs on water distribution and sewer collection system;
Equipment operator including driving Class A or Class B vehicles.

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 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 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 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, Subpart 5-4 Operator and Assistant Operator.

SPECIAL QUALIFICATIONS FOR OPERATOR:

Possession of a Class A or Class B Commercial Drivers License.