

CHIEF WATER TREATMENT PLANT OPERATOR TYPE IIA PLANT

GENERAL STATEMENT OF DUTIES: Has responsible charge of the complete and actual operation of a Type IIA Water Treatment Plant (designated capacity of 2.5 or less million gallons per day); does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: The incumbent of this position has charge for the complete and actual operation of a Type IIA Water Treatment Plant containing facilities for filtration with pretreatment or a chemical softening process. This is an important supervisory and technical position, involving responsibility for the safe and efficient operation and maintenance of a Type IIA Water Treatment Plant. General direction is received from the appointing authority but wide leeway is allowed for planning work methods and dealing with emergency conditions. Supervision is exercised over operators, trainees, or other personnel assigned to the treatment plant.

EXAMPLES OF WORK: (Illustrative Only)

Supervises the operation of the plant to assure the most efficient and economical use of equipment, supplies and manpower;

Makes daily inspection of plant and plant machinery;

Makes or supervises necessary test for control of plant operation;

Issues instructions for the regulation of chlorinators and chemical feeders;

Schedules and supervises the cleaning and washing of filters;

Supervises and instructs operators, trainees, and other subordinate employees;

Conducts periodic examinations of plant equipment and directs necessary repairs and maintenance;

Conducts special studies for improvement of water quality and plant operations;

Maintains inventory of supplies, chemicals and equipment;

Requisitions materials;

Maintains records and prepares periodic reports on the operation of the plant.

May supervise the programming, operation and maintenance of a computerized SCADA system to monitor and operate plants, booster stations, storage and distribution facilities.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the practice used and equipment required in the operation and maintenance of a Type IIA Water Treatment Plant containing facilities for filtration with pre-treatment or a chemical softening process; good knowledge of the operations of a modern water treatment plant; good knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification; ability to supervise 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 plan and supervise the work of subordinates; mechanical aptitude; alertness and dependability; physical condition commensurate with the duties of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) possession of a current Grade II-A certificate issued under the provisions of the New York State Sanitary Code; or (b) graduation from high school or possession of a high school equivalency diploma and successful completion of the required water treatment operator course and one year of operating experience in the operation of a water treatment plant with facilities for filtration.

SPECIAL REQUIREMENT: Possession of a current Grade II-A certificate issued under the provisions of the New York State Sanitary Code at time of appointment.

Towns, Villages, Cities of Rye & Peekskill,
Special Districts
J. C.: Competitive
1b

Job Class Code: 0571