

WATER TREATMENT PLANT OPERATOR IIA

GENERAL STATEMENT OF DUTIES: Under general supervision and dependent on facility, is responsible during an assigned shift for the actual operation of a Type IA or IIA Water Treatment Plant, does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This is routine but important work involving responsibility during a shift for the efficient operation and maintenance of a water treatment plant with facilities for filtration with pretreatment or a chemical softening process. In accordance with sanitary codes issued by the New York State Department of Health, the IIA operator functions as the assistant operator in either a IA or IIA facility, as assigned. The work is performed under general supervision of a chief 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.

EXAMPLES OF WORK: (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 chlorinates;

Cleans filtration equipment and settling basins, if existing;

Takes samples of water for testing;

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 daily log of plant operations and related records;

Performs custodial duties in connection with maintenance of buildings and grounds;

May utilize a computerized SCADA (Supervisory Control and Data Acquisition) system to monitor and operate plants, booster stations, storage and distribution facilities.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the practices used and equipment required in the operation and maintenance of a Type A Plant with facilities for the application of filtration with pretreatment or chemical softening devices; working knowledge of the principles and application 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 make routine laboratory tests for water quality; ability to make routine laboratory and field tests for control of plant operation; ability to understand and carry out oral and written instructions; 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 an equivalency diploma and one year of experience in the actual operation of a water treatment plant with facilities for filtration with pretreatment or for chemical softening or any similar process.

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