

CHIEF WATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: Under supervision, the incumbent is in charge and has complete responsibility for the actual operation of a Type 1A (more than 2.5 mgd), rapid sand filtration water treatment plant. This is an important supervisory and technical position involving responsibility for the safe and efficient operation and maintenance of a water treatment plant containing facilities for filtration. 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 Supervising Plant Operator, operators, trainees, and other personnel assigned to the water treatment plant. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

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

Inspects plant and plant machinery daily;

Makes or supervises necessary tests for control of plant operation;

Establishes laboratory procedures and tests;

Conducts and supervises water quality sampling and testing in a modern laboratory;

Supervises the regulation of chlorinators in chemical feeders;

Assigns plant personnel to shifts;

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

Maintains inventory of supplies, chemicals and equipment;

Requisitions materials;

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

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of the practices used and equipment required in the operation and maintenance of a Grade IA Water Treatment Plant; good knowledge of the operation of a modern water treatment plant; good knowledge of the principles and application 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 operations; ability to plan and supervise the work of subordinates; mechanical aptitude; alertness and dependability; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: High school or equivalency diploma and five years satisfactory experience in the actual operation of a Grade IA water treatment plant, including two years as a Supervising Plant Operator (Water).

SPECIAL REQUIREMENTS: (1) Appointees must possess a Grade IA Certification as a Water Treatment Plant Operator issued by the New York State Department of Health under Part 5 of the State Sanitary Code, and must maintain certification during course of employment. (2) Possession of a valid New York State driver's license. (3) Depending on work assignment, must meet standards of OSHA regulation 1910.134 Respiratory Protection, and will be required to meet Federal, State and local standards with respect to health and safety.