

ASSISTANT CHIEF WATER TREATMENT PLANT OPERATOR

DISTINGUISHING FEATURES OF THE CLASS: These duties involve responsibility for assisting a Chief Water Treatment Plant Operator in operation, maintenance, and repair activities of a water treatment plant containing facilities for filtration with pre-treatment or a chemical softening process and chemical treatment throughout the distribution system and down stream hydro-facility. The work is performed under the general supervision of the Chief Water Treatment Plant Operator. Supervision normally may be exercised over Water Treatment Plant Operators and Operator Trainees in the performance of their assigned duties.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

Supervises and assists in the maintenance and repair of machinery and equipment;
Insures that plant operation and maintenance work is carried out efficiently, on schedule, and meets acceptable standards;
Makes daily inspections of plant and plant machinery;
Supervises and makes necessary tests for control of plant operations;
Supervises and instructs operators and trainees in work methods and procedures;
Maintains a log of plant operations, maintenance, and related records;
Records readings of meters, gauges, and scales;
Assists in the conduct of special studies for the improvement of water quality and plant operations;
Assumes the duties of the Chief Operator in his/her absence.

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 Type A water treatment plant containing facilities for filtration with pretreatment or a chemical softening process; good knowledge of the practices and equipment used in the maintenance and repair of motors, pumps, valves, controls, and related water treatment plant equipment; good knowledge of the principles and applications of physics, chemistry, and bacteriology as they relate to water purification; advances skill in the operation and repair of pumps, valves and related mechanical and electrical equipment; ability to make routine laboratory tests for control of plant operation; ability to read, understand, and record data from gauges, scales, and meters; ability to supervise the work of subordinates; mechanical aptitude.

MINIMUM QUALIFICATIONS: Possession of a valid IA Water Treatment Plant Operator certificate from the NYS Department of Health at time of application.