

WATER TREATMENT PLANT OPERATOR - TYPE B PLANT

Code No.: 6-23-005

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This position is responsible for the efficient operation and maintenance of a Type IIB Water Treatment Plant containing facilities with treatment or chemical softening processes. Duties involve the regular inspection of various areas within the treatment plant and offsite locations including remote facilities, booster pumping stations, and storage facilities. Employees are required to ascend heights and/or stairs and work in confined or restricted spaces including subgrade facilities, and maneuver in tight quarters around machinery. The employee reports directly to, and works under the general supervision of, the Chief Water Treatment Plant Operator or other higher level staff member. Supervision is not a responsibility of this position. Employees may be required to work rotating shifts, including weekends and holidays. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed.)

Inspects and operates supply and treatment equipment at various locations in the plant and well field;

Operates pumps, valves, motors, water softeners and related machinery and equipment;

Performs maintenance work and makes minor repairs to machinery and equipment;

Regulates, calibrates, and adjusts process equipment;

Handles chemical storage containers and operates chemical feed equipment in the treatment plant and at remote pumping stations;

Records readings of meters, gauges and scales;

Performs necessary tests for control of plant operations;

Regulates and adjusts chlorinators;

Washes filter beds and settling basins, if existing;

Takes samples of water for testing and performs water quality tests;

Makes necessary tests for control of plant operations;

Assists in the instruction of trainees;

Supervises the work of laborers and other subordinate employees;

Keeps a log of plant and remote pump station operations and related records;

Conducts periodic flushing of water mains as needed;

Performs custodial duties in connection with maintenance of building and grounds.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Good knowledge of the practices used and equipment required in the operation and maintenance of a Type B Water Treatment Plant with facilities with pre-treatment or a chemical softening process and related remote pumping stations and storage facilities; working knowledge of the principles and application of physics, chemistry and bacteriology as they relate to water purification; ability to operate and repair 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 and field tests for control of plant operations; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness and dependability; good judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of a New York State equivalency diploma plus:

Type II B Plant (plant designed to treat 2.5 million gallons per day or less with no filtration)-

One (1) year of operating experience at a Type A or Type B water treatment plant.

SPECIAL REQUIREMENT:

Possession of a Grade II-A or Grade II-B Water Treatment Plant Operator Certificate issued under the provisions of the New York State Sanitary Code by the New York State Department of Health at the time of appointment.

ADOPTED: December 23, 1981

REVISED: June 3, 2010

REVISED: August 5, 2010

ADDITIONAL INFORMATION:

The Monroe County Water Authority and the Village of Webster have Type IIB Plants. The Minimum Qualifications are per the New York State Sanitary Code.