

WATER TREATMENT PLANT OPERATOR (TYPE A PLANT - SCLIWC)

TOMPKINS COUNTY

Department: Production
Classification: Competitive
Labor Grade:
Approved: 7/95; 10/96; 5/99
Revised:
BY: SCLIWC; TI; NYS CSC

Distinguishing Features of the Class:

This is routine but important shift work involving responsibility for the efficient operation and maintenance of Type A water treatment plant. This type of plant contains facilities for filtration and chemical pre-treatment of municipal water supplies. The work is performed under the direct supervision of the Production Department Leader. Supervision may be exercised over the work of laborers and other subordinate employees. An operator designated as lead person may exercise supervision over the activities of other Water Treatment Plant Operators and/or Assistant Operators as instructed. Does other related work as required.

Typical Work Activities:

Operates pumps, valves, motors and related machinery and equipment
Performs maintenance work and makes repairs to machinery and equipment including, but not limited to, pumps, valves, pipes, etc.
Inspects and monitors pump stations and plant facilities
Regulates and adjusts chlorinators
Washes filter beds and settling basins
Takes samples of water for testing
Makes necessary tests for control of plant operations
Assists in the instruction of trainees
Keeps a log of plant operations and related records
Supervises the work of laborers and other subordinate employees
Performs a variety of custodial and maintenance duties in connection with the maintenance of the Plant and grounds
Assists other departments with various tasks as needed

Full Performance Knowledge. Skills. Abilities and Personal Characteristics:

Familiarity with the elementary principles of chemistry and general *science*
Good general intelligence
Alert and observant
Good mechanical aptitude

(continued)

WATER TREATMENT PLANT OPERATOR (TYPE A PLANT)

Ability to learn the principles and procedures relating to operation and maintenance of a water treatment plant including emergency operations

Ability to develop skill in the operation and maintenance of pumps, valves and related mechanical equipment

Ability to get along well with others

Ability to understand and follow both oral and written instructions

Industry, dependability, tact and courtesy are required

Physical condition commensurate with the demands of the position

Minimum Qualifications

- A) Graduation from a regionally accredited or New York State registered four-year college with a Bachelor's Degree in environmental science or a related field AND Type 2-A certification; or
- B) Graduation from a regionally accredited or New York State registered two-year college with an Associate's Degree in environmental science or a related field AND two years of full-time paid (or the equivalent part-time) experience in a water treatment plant holding type 2-A certification: or
- C) Graduation from High School and "2A" certification as a Water Treatment Plant Operator and four years of experience in a water treatment plant.

Special Requirements For acceptance of Applications:

This position requires 2-A certification at the time of application and appointment. 1-A certification may be obtained after completion of the requirement for 2-A certification PLUS EITHER:

- 1) Bachelor's Degree and one additional year of experience with 2-A certification, training course and test; or
- 2) Associate's Degree and four additional years of experience with 2-A certification, training course and test.

A valid New York State driver's license acceptable to the Commission's insurance carrier is required at the time of appointment.

The physical ability to lift and routinely handle weights up to 50 Pounds is required.

Must work safely, and follow safety rules and procedures.

A performance test may be required after a medical examination but prior to appointment.

W19.doc

6/95. Revised 5/99