

**CHIEF WATER TREATMENT PLANT OPERATOR  
TYPE A PLANT**

Code No.: 6-03-020  
COMPETITIVE

**DISTINGUISHING FEATURES OF THE CLASS:** This is a technical supervisory position having responsible charge for the safe and efficient operation and maintenance of a Type A Water Treatment Plant containing facilities for filtration with pre-treatment and/or a chemical softening process. The employee reports directly to and works under the general direction of the appointing authority with wide leeway allowed for planning work methods and dealing with emergency conditions. General supervision is exercised over operators, trainees, laboratory personnel and mechanical and maintenance assistants. 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.)

Supervises and participates in the operation of the water treatment plant;

Makes daily inspection of plant and plant machinery;

Makes or supervises necessary tests for control of plant operation;

Supervises and participates in the cleaning and washing of filters;

Supervises and instructs operators, trainees and other subordinate employees;

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

Conducts special studies for improvement of water quality and plant operations;

Maintains inventory of supplies, chemicals and equipment;

Requisitions materials as required;

Develops and administers contracts for maintenance and repairs;

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

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Thorough knowledge of the practices used and equipment required in the operation and maintenance of a Type A Water Treatment Plant containing facilities for filtration with pre-treatment and/or a chemical softening process; good knowledge of the operations of a modern water treatment plant; good knowledge of the principles and applications 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 operation; ability to plan and supervise the work of subordinates; mechanical aptitude; alertness and dependability; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:**

Type A Plant with designated capacity exceeding 2.5 million gallons per day:

**A. EITHER:**

1. Graduation from a regionally accredited or New York State registered four (4) year college with a Bachelor's degree; OR,
2. Eligibility for a professional engineer's license issued by the State of New York; possession of the license at time of appointment; OR,
3. Graduation from a regionally accredited or New York State registered two (2) year college or university with an Associate's degree in Applied Science, plus five (5) years of satisfactory experience in the actual operation of a water treatment plant with facilities for filtration with pre-treatment, or for chemical softening, or any similar process; \*OR,
4. Graduation from high school or possession of an equivalency diploma, plus ten (10) years of approved experience as described in (3) above; AND

B. Satisfactory completion of an appropriate course of instruction approved by the State Department of Health; AND

C. At least one (1) year of satisfactory experience in the actual operation of a water treatment plant with facilities for filtration with pre-treatment, or for chemical softening, or any similar process.

**\*NOTE:** If the curriculum is approved by the State Department of Health, the experience requirement may be reduced by a half to two and one-half years.

**SPECIAL REQUIREMENTS:**

Type A Plant with designated capacity exceeding 2.5 million gallons per day:

Eligibility for a Grade I-A certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at time of appointment.

If you are appointed, you will be required to have a valid license to operate a motor vehicle in New York State or otherwise demonstrate your capacity to meet the transportation needs of the job.

Depending on the position duties, candidates for employment with the Monroe County Government will be required to pass a pre-employment drug test.

**REVISED:**      October 16, 2003