

CHIEF WASTEWATER TREATMENT PLANT OPERATOR GRADE 2, 2-A

DISTINGUISHING FEATURES OF THE CLASS: This is a supervisory and technical position involving responsibility for overseeing the safe and efficient operation and maintenance of a Wastewater Treatment Plant with facilities for the activated sludge process (including all modifications). 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 operators, trainees, laboratory personnel and mechanical and maintenance assistants. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES:

- Supervises the operation of plant to assure the most efficient and economical use of equipment, supplies, and manpower;
- Makes daily inspection of plant and plant machinery;
- Makes or supervises necessary tests for control of plant operations;
- Supervises the treatment and disposal of sludge;
- Supervises the maintenance and repair of machinery and equipment;
- Assigns plant personnel to shifts;
- Instructs and supervises operators, trainees and other subordinate employees;
- Maintains inventory of supplies, chemical, and equipment;
- Requisitions materials for continuous plant operation;
- 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 Wastewater Treatment Plant with facilities for the activated sludge process (including all modification); good knowledge of the operations of a modern wastewater treatment plant; good knowledge of the principles and applications of physics, chemistry and bacteriology as applied to wastewater treatment and disposal; 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 demands of the position.

MINIMUM QUALIFICATIONS:

I. Grade 2 Plant:

A. Either:

1. Graduation from a regionally accredited or New York State registered four year college or university with a bachelor of science degree; or
2. Possession of a Professional Engineer's license issued by the State of New York Education Department; or

3. Graduation from a regionally accredited or New York State registered two year college with an Associate Degree in Applied Science and five years of approved experience in the actual operation of a wastewater treatment plant with facilities for the activated sludge process or similar process;* or
 4. Graduation from high school or possession of a New York State equivalency diploma and 10 years of approved experience described in (3) above; and
- B. Satisfactory completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation; and
- C. One year of operating experience at a wastewater treatment plant with facilities equivalent to Grade 2 Plant, with ability to make necessary tests.

* If the curriculum is approved by the Commissioner, Department of Environmental Conservation, the experience requirement may be reduced by a half to two and one-half years.

SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATIONS:

- I. Grade 2 Plant whose designated capacity exceeds 1.5 million gallons per day:

Eligibility for a Grade 2 Wastewater Treatment Plant Operator certificate issued by the New York State Department of Environmental Conservation at time of application. Possession of the certificate at time of appointment.