

SEWAGE TREATMENT PLANT OPERATOR

TYPE A PLANT

DISTINGUISHING FEATURES OF THE CLASS: This is routine but important work involving responsibility during a shift for the efficient operation and maintenance of a Type A Sewage Treatment Plant with facilities for the activated sludge process (including all modifications). The work is performed under general supervision of an operator qualified to be in charge of the operation of the plant. Supervision may be exercised over subordinate employees in the performance of their assigned duties. Does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

Starts and stops pumps, motors, air compressors and related machinery and equipment;
Makes minor repairs to machinery and equipment;
Records readings from meters and gauges;
Treats and disposes of sludge;
Add chlorine to sewage;
Takes samples of sewage for testing;
Makes necessary tests for control of plant operation;
Assists in the instruction of trainees;
Supervises the work of laborers and other subordinate employees;
Keeps a log of plant operations and related records;
Performs custodial duties in connection with maintenance of buildings and grounds.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:

Good knowledge of the practices used and the equipment required in the operation and maintenance of a Type A Sewage Treatment Plant with facilities for the activated sludge process (including all modifications); working knowledge of the principles and applications of physics, chemistry and bacteriology as applied to sewage treatment and disposal; skill in the operation and repair of 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 operation; ability to understand and carry out oral and written instructions; mechanical aptitude; alertness and dependability; good physical condition.

MINIMUM QUALIFICATIONS:

1. Type A Plant whose designated capacity exceeds 1.5 million gallons per day:

Graduation from high school or possession of a New York State high school equivalency diploma; completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation; not less than six months of satisfactory experience in the actual operation of a sewage treatment plant with facilities for the activated sludge process or any similar process.

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2. Type A Plant whose designated capacity is 1.5 million gallons or less per day:

Graduation from high school or possession of a New York State high school equivalency diploma; completion of an appropriate course of instruction approved by the Commissioner, Department of Environmental Conservation; and not less than three months of satisfactory experience in the actual operation of a sewage treatment plant with facilities for the activated sludge process or any similar process.

SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATIONS:

1. Type A Plant whose designated capacity exceeds 1.5 million gallons per day:

Eligibility for a Grade 11-A certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at the time of appointment.

2. Type A Plant whose designated capacity is 1.5 million gallons or less per day:

Eligibility for a Grade 111-A certificate issued under the provisions of the New York State Sanitary Code. Possession of the certificate at the time of appointment.