

WASTEWATER TREATMENT PLANT OPERATOR TRAINEE

Code No. 6-20-001
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is a trainee position in the field of wastewater treatment operation designed to develop the technical skills required to independently perform duties

In the safe and efficient operation and maintenance of a Municipal Wastewater Treatment Plant with or without facilities for the activated sludge process (including all modifications). Duties involve learning how to perform active regular on-site operational functions with facilities for chemical precipitation, sludge vacuum filtration, sludge incineration, separate sludge digestion, or any other biological oxidation process, including activated sludge, and the stabilization or oxidation process. Upon successful completion of the training period, including possession of valid Wastewater Operator Certification issued by the New York State Department of Environmental Conservation at the appropriate grade for the plant at which employed (Grade 3A, 3 or 2; dependent on type of plant), employee will advance to Wastewater Treatment Plant Operator without further civil service examination. The employee reports directly to, and works under the direct supervision of, a Wastewater Treatment Plant Operator or other higher level staff member. 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.)

Trainees receive on-the-job training in the following:

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;

Operates trickling filters;

Adds chlorine to sewage;

Takes samples of sewage for testing;

Makes necessary tests for control of plant operation;

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, AND PERSONAL CHARACTERISTICS: Working knowledge of proper practices used and the equipment required in the operation and maintenance of a wastewater treatment plant with facilities for chemical precipitation, sludge vacuum filtration, sludge incineration, sludge oxidation, separate sludge digestion, or any other biological oxidation process, including activated sludge and the stabilization or oxidation process; working knowledge of the principles and applications of physics, chemistry and bacteriology as applied to wastewater treatment and disposal; ability to 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; ability to communicate orally and in writing; mechanical aptitude; good judgment; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma.

SPECIAL REQUIREMENTS: 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.

ADOPTED: June 15, 2017