

WASTEWATER TREATMENT PLANT OPERATOR GRADE 1

GENERAL STATEMENT OF DUTIES: Has responsibility during an assigned shift, or in the absence of the Chief Operator, for the actual operation of a wastewater treatment plant (other than an activated sludge facility) with a plant point score of 55 points or less; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: This is routine but important work involving responsibility during a shift, or in the absence of the Chief Operator, for the efficient operation and maintenance of a wastewater treatment plant (plant point score of 55 points or less) containing facilities for processes other than activated sludge and the stabilization and or oxidation process. (Other treatment processes include but are not limited to treatment processes such as trickling filters, rotating biological contractors, sand filters, biofilters, oxidation ponds, stabilization ponds, activated carbon or any other devices or processes performing similar functions.) The work is performed under the general supervision of the Chief Operator. Supervision may be exercised over subordinate employees in the performance of their assigned duties.

EXAMPLES OF WORK: (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;

Operates trickling filters;

Adds chlorine to sewage;

Takes samples of sewage for testing;

Takes 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.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the 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, separate sludge digestion, or any other biological oxidation process other than the activated sludge and the stabilization or oxidation pond process; working knowledge of the principles and applications of physics, chemistry and bacteriology as applied to wastewater 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 operations; ability to understand and carry out oral and written instruction; mechanical aptitude; alertness and dependability; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: a) possession of a current Grade 1 certificate issued under the provisions of the New York State Sanitary Code; or b) graduation from high school or possession of a high school equivalency diploma and satisfactory completion of an appropriate course of instruction approved by the State Department of Environmental Conservation and six months of satisfactory experience in the actual operation of a wastewater treatment plant.

SPECIAL REQUIREMENT: Possession of a current Grade 1 certificate issued under the provisions of the New York State Sanitary Code at time of appointment.