

## WASTEWATER TREATMENT PLANT OPERATOR GRADE IA

GENERAL STATEMENT OF DUTIES: Has responsibility during an assigned shift, or in the absence of the Chief Operator, for the actual operation of an activated sludge process wastewater treatment plant with a 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) with facilities for an activated sludge process. (A biological wastewater treatment process in which a mixture of wastewater and activated sludge is agitated and aerated. The activated sludge is subsequently separated from the treated wastewater by sedimentation and wasted or returned to the process as needed.) 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)

Operates 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 wastewater 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.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the practices used and the equipment required in the operation and maintenance of a Wastewater Sewage Treatment Plant with facilities for an 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 the 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; 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 1A certificate issued under the provisions of the New York State Sanitary Code; or b) graduation from high school or possession of a New York State high school equivalency diploma and 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 with facilities for the activated sludge process or any similar process.

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

Towns, Villages  
Special Districts  
Cities of Rye & Peekskill  
J. C.: Competitive  
1a

Job Class Code: O586