

WATER TREATMENT PLANT OPERATOR/TRAINEE

TYPE A PLANT

Code No.: 4-14-128
COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is responsible work involving accountability for the efficient performance of active regular on-site operational functions at a Type A Water Treatment Plant, with facilities for filtration. The Operator differs from the Trainee in that the Operator possesses certification as a Type IA or IIA Operator, and is qualified to work independently in the supervision of the treatment plant. The Trainee works under the supervision of a certified Operator. Supervision may be exercised over subordinate employees in the performance of their assigned duties. Does related work as required.

Trainees will be advanced to the IIA Operator level without further Civil Service examination upon satisfactory completion of the certificate requirements of the NYS Health Department.

TYPICAL WORK ACTIVITIES: OPERATORS PERFORM AND TRAINEES RECEIVE ON-THE-JOB TRAINING IN THE FOLLOWING:

Operates pumps, valves, motors, and related machinery and equipment;

Performs maintenance work and makes minor repairs to machinery and equipment;

Records readings of meters, gauges, and scales;

Regulates and adjusts chlorinators;

Washes filter beds and settling basins;

Takes samples of water for testing;

Makes necessary tests for control of plant operations;

Assists in the training 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 AND PERSONAL CHARACTERISTICS REQUIRED OF AN OPERATOR: Good knowledge of the practices used and the equipment required in the operation and maintenance of a Type A Water Treatment Plant; working knowledge of the principles and applications of physics, chemistry and bacteriology as they relate to water purification; skill in 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 read, understand and record data from gauges, scales, and meters;

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 QUALIFICATIONS:

TRAINEE: Graduation from high school or possession of a New York State high school equivalency diploma.

I/A OPERATOR: Possession of a valid Type I/A Operator certificate at time of appointment.

Requirements for certification as Operator or Assistant Operator, Type I/A involve successful completion of appropriate level water treatment operator courses of instruction approved by the NYS Health Department, and one (1) year of acceptable operating experience at a water treatment plant with filtration facilities.

NOTE: Type A Water Treatment Plants which treat over 2.5 MGD (million gallons per day) require operators to possess a Type IA certificate. The Civil Service title for the operator of this large a capacity plant is Chief Water Treatment Plant Operator Type A.

SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES:

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

ADOPTED: January 12, 1984