

WASTE AND WATER TREATMENT PLANT OPERATOR 1**Nature of Work**

Under general supervision, performs entry level tasks in the operation and maintenance of a water or sewage treatment plant to insure the safety of the plant's effluent for human consumption or environmental protection. May supervise other employees. Work is performed within set procedures and is reviewed by a technical or administrative supervisor. Performs related work as required.

Distinguishing Characteristics

Work at this level typically does not include the supervision of other Waste and Water Treatment Plant Operators; supervision at this level is incidental to operation of the plant and equipment.

Examples of Work

- Operates a small water or sewage treatment facility or assists in the operation of a large water or sewage treatment facility.
- Lubricates and performs minor repairs to motors, pumps, valves and filters.
- Lubricates and performs minor repairs to chlorinators, ammoniators, alum machines, digestors, aerators and related water and sewage treatment equipment and chemical feeders, flow recorders and controllers.
- Collects water samples, performs chemical tests to determine purity, clarity and pH level, and determines potability of water supply and biochemical level of sewage effluent.
- Reads meters and records findings on daily log.
- Cleans plant buildings, screens, tanks and equipment when necessary.
- Inventories and orders supplies.
- May supervise or act as lead worker to other employees.

Knowledge, Skills and Abilities

- Knowledge of the operations in a water or sewage treatment plant.
- Knowledge of the hazards and safety precautions required while working with water or sewage treatment equipment and the plant's influent or effluent.
- Knowledge of the methods and tools used in operating and maintaining water or sewage treatment equipment.
- Ability to operate and maintain mechanical equipment.
- Ability to collect water samples and perform chemical

analysis.
Ability to use and care for the standard tools used in the plumbing trade.
Ability to read meters and maintain simple records.
Ability to supervise employees.
Ability to understand and follow oral and written instructions.

Minimum Qualifications

TRAINING Certification as a Class 1 Operator issued by the Division of Sanitary Engineering, West Virginia State Board of Health, in one of the following areas: Waste Water Treatment Works or Public Water Supply.

SPECIAL REQUIREMENT At smaller facilities, certification may be required in both areas.

Established: 8/20/92
Effective: 9/15/92