

## **CLASS III OPERATOR**

**Definition:** This is an entry-level plant operator position in the operation and maintenance functions of water supply, water treatment, sewage treatment and water/sewer distribution facilities. An employee in this position is involved in the performance of a diversity of duties and job functions related to water supply, water treatment and/or sewage treatment. The position entails assistance in general mechanical and maintenance operation of the water and/or sewer facilities. A person in this position must possess a valid certification as a Water Plant Operator (Class A, B or E) and/or Sewage Plant Operator (Class A, B or E) as issued by the Commonwealth of Pennsylvania. Some independence in judgment is required. However, overall instructions are given by the General Manager or a higher-class operator. Work is reviewed through conferences and reports on inspections. Supervisory functions are performed as necessary. The employee in this class must be on call on a 24-hour basis to cover emergency situations and available to work weekend and holiday rotations.

**Examples of Work:** (Water Plant) Participates in all phases of water supply, treatment, water and sewer distribution, filter operation such as operation of filters, pumps, controls, valves, addition of chemicals, inspection of water surface elevation; determination of loss of head, meter and gauge readings; repairing feed equipment and valves; assists Foreman and Class II operators in guaranteeing the adequate production, treatment and delivery to the water distribution system a potable water in substantial quantities and high quality. This entails assistance in establishing well maintenance schedules, routine daily lubrication of equipment, observation of water level equipment and the periodic removal of pumping equipment for inspection and replacement of worn parts; maintains prescribed standards of operation affecting rates of filtration; offers assistance to Foreman and Class II operators in normal and emergency service situations; makes laboratory tests required to assure efficient operation of the water supply and treatment facilities; inspects and tests operating equipment in the water supply and treatment facilities; repairs and maintains water and sewer distribution lines; assists in training department personnel; keeps log and other

records of operation; assists in preparation of reports for County, State and Federal agencies as necessary; assists other personnel as necessary under the direction of the General Manager; performs other related work as required.

**Examples of Work:** (Sewer Plant) Participates in all phases of sewer treatment and operation such as operation of pumps, controls, valves, addition of chemicals, meter and gauge readings; repairing feed equipment and valves; assists in maintenance and repairs to the water and sewer distribution lines; assists Foreman and Class II operators in the operation and major repair work and overhaul of machinery and equipment in the sewage treatment facility; routine daily lubrication of equipment; observation of sewer treatment equipment and periodic removal of pumping equipment for inspection and replacement of worn parts; participates in the repair of steam, water, air, sludge and grit piping systems and in the routine maintenance on the primary final aeration and digester tanks; offers assistance to Foreman and Class II operators in normal and emergency service situations; makes laboratory tests required to assure efficient operation of the sewer treatment facilities; inspects and tests operating equipment in the sewer treatment facilities; assists in training personnel; keeps log and other records of operation; assists in preparing reports for County, State and Federal agencies as necessary; assists other personnel as necessary under the direction of the General Manager; performs other related work as required.

**Physical Requirements:** The physical requirements described below must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be requested pursuant to law by individuals with disabilities.

- Corrected vision in order to make visual observations of computer screens, pump stations, grounds and equipment.
- Repetitive bending, twisting, standing, sitting, reaching, walking, stooping, kneeling, crouching and crawling.
- Ability to receive detailed information through oral and written communication and to make fine distinctions in sound, such as when making adjustments on equipment.
- Significant physical labor with lifting up to 75 pounds.
- Ability to convey detailed instructions accurately, loudly, and quickly to other workers when working near machinery.

- Ascending or descending ladders, stairs, and ramps requiring the use of feet, legs, hands and arms up to three (3) stories in height (30').
- Ability to work in confined spaces.
- Ability to work in extreme weather conditions.

**Required Knowledges, Skills and Abilities:** Considerable knowledge of methods and practices used in the operational and maintenance functions of water supply, water and/or sewage treatment and distribution facilities; considerable knowledge of methods and practices used in repairing and maintaining water supply and water and/or sewage treatment machinery and equipment; considerable knowledge of various practices and procedures involved in laboratory analysis required in water and/or sewage treatment; general knowledge of computers; working knowledge of backhoe and other equipment; ability to train and supervise other employees engaged in the water supply, water and/or sewage treatment and distribution process; ability to read, record and interpret readings of meters and gauges accurately; ability to test and repair meters used in the water/sewage treatment facilities; ability to make mathematical computations quickly and accurately; ability to understand, follow and convey complex oral and written instructions; ability to maintain records; ability to establish and maintain effective working relationships with associates.

**Experience and Training:** Minimum of one year experience is required in the operation and maintenance of a water supply, water treatment/ and/or sewage treatment and distribution facility. Must possess high school diploma or equivalent. Must possess a valid Pennsylvania Motor Vehicle Operator's license and be insurable. Must possess certification as a Water Plant Operator (Class A, B or E) and/or Sewer Plant Operator (Class A, B or E) as issued by the Commonwealth of Pennsylvania.