



Water Plant Operator

<u>JOB TITLE</u>	<u>GRADE</u>	<u>DEPARTMENT</u>
Water Plant Operator	6	Water
Water Plant Operator (w/o Grade III certification)	5	Water

JOB PURPOSE:

Performs intermediate skilled technical work involving the operation of water pumping and purification equipment located in the water treatment plant for the City of Gatlinburg. Activities associated with the job include monitoring and adjusting plant operations, troubleshooting and maintaining plant equipment, recording and maintaining plant operation records and performing laboratory tests. Work is performed under the regular supervision of the Chief Water Plant Operator. Hours for this position will vary and will include night and weekend shifts.

ESSENTIAL FUNCTIONS:

This is skilled technical work involving the operation of water pumping and purification equipment located in the water treatment plant for the City of Gatlinburg. Activities associated with the job include monitoring and adjusting plant operations, troubleshooting and maintaining plant equipment, recording and maintaining plant operation records and performing laboratory tests.

QUALIFICATIONS:

Graduation from an accredited four year high school supplemented with additional training and experience in water treatment plant operations; knowledge of the repair and maintenance of the mechanical, hydraulic and electrical components of water treatment plants; and knowledge of the occupational hazards and necessary safety precautions of the work.

SPECIAL REQUIREMENTS:

Possession of an appropriate TN driver's license.

Possession of or ability to obtain within 36 months, a valid certificate as a Water Treatment Plant Operator at the Grade III level issued by the State of Tennessee.

Hours vary and will include evening and weekend work

A post-offer drug screen and physical is required for all positions.

Applications accepted until position is filled.

The current starting pay for a Water Plant Operator (w/o Grade III certification) Grade 5 is \$26,190, Water Plant Operator Grade 6 is \$28,809.

This full-time position includes a base salary, medical, dental, life and long-term disability insurance plans, vacation and sick leave, and a retirement plan.

Please read the attached job description for additional information

Applications are available at City Hall, 1230 East Parkway, Gatlinburg or online at www.gatlinburgtn.gov. No phone calls please.

Deadline for applications is May 30, 2017.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability pursuant to Title VI of the Civil Rights Act of 1964, Public Law 93-112 and 101-336 in its hiring, employment practices and programs.

Water Plant Operator

Nature of Work

This is skilled technical work involving the operation of water pumping and purification equipment located in the water treatment plant for the City of Gatlinburg. Activities associated with the job include monitoring and adjusting plant operations, troubleshooting and maintaining plant equipment, recording and maintaining plant operation records and performing laboratory tests. Additional activities include overseeing the functioning of water pumps, motors, chlorinators, filters and chemical feeders, collecting water samples from designated points, replenishing treatment equipment with chemicals and keeping basins free of foreign matter. Job duties require knowledge of the principles, practices, equipment and methods utilized in water treatment and pumping operations, knowledge of the occupational hazards and safety precautions associated with water treatment plant operations, knowledge of the chemicals and filtering components utilized to treat municipal water supplies, ability to make required mechanical adjustments, monitor the operation of machinery, take accurate readings and keep accurate and thorough records of daily activities. Job performance is evaluated by the Chief Water Plant Operator through review of knowledge and expertise in water treatment plant operations, knowledge of occupational hazards and safety precautions associated with the work, ability to adhere to established operational policies and procedures, ability to routinely monitor plant operation and detect potential problems and/or defects, dependability in performing work assignments and level of support provided for water treatment plant operations.

Illustrative Examples of Work

- Checks the proper functioning of water pumps, motors, chlorinators, filters and chemical feeders and makes adjustments as necessary to maintain the proper flow of water.
- Compiles and maintains reports on water pumped for monthly and daily averages.
- Makes note of the readings on meters and indicators.
- Changes charts on recording meters and gauges.
- Collects water samples from designated points.
- Makes physical checks and runs chemical tests including temperature, turbidity, chlorine, alkalinity, pH, hardness, fluoride, CO₂, iron, manganese, and bacteriological tests.
- Makes chemical feed and treatment adjustments when necessary.
- Keeps basins free of foreign matter.
- Performs routine equipment and plant monitoring and maintenance activities.
- Performs routine equipment and grounds maintenance activities as assigned.
- Inspects chemical feeding and filtering equipment, prepares reports of findings and notifies the appropriate personnel of identified maintenance and repair needs.
- Performs related duties as required.

Necessary Requirements of Work

Graduation from an accredited four year high school supplemented with additional training and experience in water treatment plant operations; knowledge of the repair and maintenance of the mechanical, hydraulic and electrical components of water treatment plants; knowledge of the occupational hazards and necessary safety precautions of the work; skill in the use of hand and power tools utilized in adjusting system and plant components; good organizational, interpersonal and decision making skills; sufficient strength and agility to perform the physically demanding aspects of the job in a variety of weather conditions; or any equivalent combination of education or experience to provide the following knowledge, abilities and skills:

- Considerable knowledge of the monitoring requirements and maintenance activities associated with water treatment plant machinery, filters and testing equipment.
- Considerable knowledge of occupational hazards and necessary safety precautions associated with the maintenance and monitoring of water treatment plant equipment and machinery.
- Considerable knowledge of chemical testing and treatment practices and methods utilized in municipal water treatment facilities.
- Considerable knowledge of record keeping and reporting practices required to effectively monitor water treatment plant operations.
- Considerable knowledge of the chemicals utilized to treat water including fluoride, chlorine, etc.
- Considerable knowledge of operating policies and procedures established for the utility department.
- Ability to properly read gauges and testing equipment, take accurate readings, determine improper and/or suspect operations of water treatment facility equipment and machinery and make needed repairs and/or adjustments.
- Ability to keep routine records, prepare reports and make accurate mathematical computations.
- Ability to consistently perform job related duties in compliance with established operational and safety policies and procedures.
- Ability to perform daily job assignments in a dependable, timely and thorough manner.
- Ability to establish and maintain effective working relationships with co-workers and the public.
- Ability to perform the physically demanding aspects of the job in a variety of weather conditions.
- Skill in the use of hand and power tools utilized in the maintenance, repair and/or adjustment of water treatment plant components, equipment and machinery.

Physical Requirements

This is medium work requiring the exertion of 50 pounds of force occasionally, up to 20 pounds of force frequently, and up to 10 pounds of force constantly to move objects, and some heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects;

work requires climbing, balancing, stooping, reaching, standing, walking, pushing, pulling, lifting, and grasping; vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoke word levels; visual acuity is required for color perception, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, noise, hazards and atmospheric conditions.

Necessary Special Requirements

Possession of a valid Tennessee Drivers License and the ability to be insured at standard vehicle liability rates.

-Possession of or ability to obtain within 36 months, a valid certificate as a Water Treatment Plant Operator at the Grade III level.