



**OFFICE OF HUMAN RESOURCES**  
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**JOB ANNOUNCEMENT TITLE: GENERATOR MECHANIC TECHNICIAN IV**

**OPENING DATE:** May 27, 2022

**RECRUITMENT STATUS:** In-house/Public

**SALARY:** Grade 4, \$26.44 – \$29.08 per hour

**STATUS:** Full Time

**CLOSING DATE:** June 10, 2022

**ANNOUNCEMENT #:** POS-131-22

**DEPARTMENT:** Water and Sewer Facility Maintenance

**FLSA STATUS:** Non-Exempt

At The City of Frederick, we value diversity and the respect, engagement and productivity in an inclusive environment produces. We seek to consistently improve internal and external customer satisfaction, innovate and expand capability of services, and be a government that practices equality, equity, and fairness. We invite you to bring your skills, abilities, and knowledge to The City of Frederick and be a valued addition to a workforce that we know is our greatest asset.

Frederick is a progressive, richly diverse, and authentically charming city. Recognized as one of the best places to live in Maryland, Frederick is surrounded by mountain views and centrally located about 45 miles north of Washington D.C. and 45 miles west of Baltimore, MD.

**JOB SUMMARY:**

The Generator Mechanic Technician IV maintains, troubleshoots, and repairs electrical and mechanical systems of electric generating equipment associated with Water and Sewer facilities. The employee in this position may be required to carry a cell phone and will be subject to being called in for division emergencies as well as be able to respond to emergencies as needed throughout the Department of Public Works.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

- Performs preventive and predictive maintenance activities associated with internal combustion engines of standby generators to include inspecting or replacing lubricants, filters, belts, batteries, cables, and other wearing parts, and sampling internal lubricants for analysis.
- Performs repairs to internal combustion engines of standby generators as needed.
- Maintains, troubleshoots, repairs, and upgrades electrical power and control systems associated with standby generators to include performing insulation resistance testing, contact resistance testing, functional testing, load testing, etc.
- Troubleshoots equipment and makes corrections and repairs through the use of technical references, manuals, schematics, and test equipment. Uses test equipment to troubleshoot electrical system failures and analyze performance data.
- Performs maintenance tasks through the use of general skilled trades including plumbing, pipe fitting, welding, cutting, machining, electrical, pneumatics, and hydraulics.
- General ability to select and use proper hand and portable power tools.
- Responds to oral and written instructions and/or reports of maintenance problems.
- Locates repair parts, obtains pricing, enters purchase requisitions, and orders parts as needed.
- Establishes and maintains effective working relationships with City officials, co-workers, vendors and the general public, as well as employees of utilities and other agencies whose business is related to water distribution operation, construction and maintenance.
- Answers telephone and/or communicates information to vendors, other departments, and the general public. Must communicate in a courteous and effective manner.
- Performs other duties as assigned.

**QUALIFICATIONS** *To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions*

**REQUIRED EDUCATION AND/OR EXPERIENCE:**

- High school diploma or General Education Diploma (GED).
- Four (4) years of experience in repair, operation, and maintenance of various types of diesel, gasoline, natural gas, and propane fueled generator sets and related electrical control and transfer equipment.

**REQUIRED CERTIFICATES AND/OR LICENSES:**

- Vehicle Operator's license with satisfactory driving record that meets insurability standards of the City's insurance carrier is required. The employee must maintain the license for the duration of their employment.
- Electrical Generating Systems Association (EGSA) certification. The employee must maintain the certification for the duration of their employment.

**REQUIRED SKILLS (Communication/Language; Mathematical; Computer; etc.):**

- Working knowledge of administrative software applications such as Microsoft Office, Internet Browser, AS-400, and Hansen.
- Ability to use computers in a "Windows" environment and learn various software programs.
- Ability to read, analyze, and interpret general business periodicals, professional journals, technical procedures, or governmental regulations.
- Ability to write reports, business correspondence, and procedure manuals.
- Ability to effectively present information and respond to questions from groups of managers, clients, customers, and the general public.
- Ability to calculate figures and amounts such as proportions, percentages, area, circumference, and volume.
- Ability to apply concepts of basic algebra and geometry.
- Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists.
- Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form.

**PHYSICAL DEMANDS:** *The physical demands described here are representative of those that must be met by the incumbent to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel; reach with hands and arms; and talk or hear. The employee frequently is required to taste or smell. The employee is occasionally required to stand; walk; sit; climb or balance; and stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

As a condition of employment, must successfully pass a criminal background check. Employee is required to wear safety toe boots, and will be required to successfully complete training that will include but not be limited to confined space training, CPR & First Aid, electrical safety, etc.

**WORK ENVIRONMENT/CONDITION:** *The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

While performing the duties of this job, the employee is regularly exposed to moving mechanical parts; high, precarious places; work in confined spaces; outside weather conditions; arc-flash and arc-blast; risk of electrical shock; and vibration. The employee is frequently exposed to wet and/or humid conditions, fumes or airborne particles, and toxic or caustic chemicals. The employee is occasionally exposed to extreme cold, and extreme heat. May be exposed to potentially infectious agents associated with wastewater. The noise level in the work environment is usually high.