

Lead Electrical Technician

\$38,146 - \$45,000 / year DOQ + [Full-Time County Benefits](#)

James City County Facilities Division seeks an individual to perform experience work operating, maintaining, and repairing electrical systems in County facilities, to lead assigned personnel and performs related technical and administrative duties, and perform skilled work troubleshooting operational problems and performing maintenance of electrical systems.

Responsibilities:

- Oversees work of team members during operations including accountability for job completion, materials selection, coordination of logistics and overall welfare and performance of assigned personnel.
- Repairs and maintains electrical systems; locates and determines electrical malfunctions using test instruments such as ohmmeter and test lamp; repairs malfunctions using standard repair methods such as replacing burnt out elements and fuses, bypassing or replacing defective wiring, filing switch contact points and cleaning or rewiring motors; tests electrical equipment like generators and heaters for safety and efficiency using standard test equipment and by observing functioning.
- Tests continuity of circuits to ensure electrical compatibility and safety of all components using standard instruments such as ohmmeter, battery, and buzzer and oscilloscope; observes functioning of installed equipment or system to detect hazards and need for adjustment, relocation or replacement; repairs faulty equipment or systems; inspects circuits and wiring for specified shielding and grounding and repairs or rewires systems according to building codes and safety regulations.
- Reviews design drawings, contract documents and engineering specifications for engineering work.
- Arranges for purchasing of supplies, materials and equipment.
- This job is considered essential personnel and will be required to work during and following natural disasters and emergency situations.
- Performs other duties as assigned.

Requirements:

- Any combination of education and experience equivalent to a high school diploma and extensive experience in the repair and maintenance of electrical systems; vocational, technical, or trade school training in mechanical maintenance preferred.
- Must possess a valid Virginia Driver's License with an acceptable driving record based on James City County's criteria.
- Must possess master Electrical License from the Virginia Department of Professional and Occupational Regulation.
- Knowledge of electrical systems, fixtures and equipment; procedures, methods and techniques to design, install, repair and maintain a variety of electrical systems; National Electrical Codes; occupational hazards, safety precautions, and safety regulations related to equipment operation, hazardous materials and other work related precautions; and, principles and processes for providing customer service including setting and meeting quality standards for services, and evaluation of customer satisfaction; leadership techniques, principles and procedures to assign work, schedule, supervise, train, and evaluate the work of assigned staff.
- Skill in use of computer software, especially Microsoft Office Suite; and, the safe and effective use of hand and power tools and other equipment of the mechanical trade.
- Ability to communicate ideas effectively, including the preparation of reports and logs; listen and understand directions, information and ideas presented verbally and in writing; handle a variety of customer service issues with tact and diplomacy and in a confidential manner.

Accepting applications until filled. Only online applications to our website will be considered. To apply, please visit the James City County Career Center at <https://jobs.jamescitycountyva.gov>