

Senior Electrical Facilities Specialist

[Competitive Salary DOQ](#) + [Full-Time County Benefits](#)

James City County Facilities Maintenance seeks an individual to perform experienced electrical work including installation, maintenance, and repair work on electrical wiring systems, controls, and machinery in all County facilities.

Responsibilities:

- Install electrical layouts for minor construction and renovation projects for County building structures and facilities; install electrical conduit; connect wiring to lighting fixtures and power equipment; install control distribution apparatus, such as switches, relays, and circuit breaker panels; connect power cables to equipment and installs grounding leads.
- Diagnose electrical malfunctions, using appropriate test instruments and diagnostic procedures; repair malfunctions by replacing burnt out elements and fuses, bypassing or replacing defective wiring using hand tools; test electrical equipment for safety and efficiency using standard test equipment and by observation.
- Perform various electrical projects such as ridged, electrical metallic tubing (EMT) and poly vinyl chloride (PVC) conduit installation; installation of control panels and motor controls including proper sizing of items.
- Test continuity of circuit to ensure electrical compatibility and safety for all components; observe functioning of installed equipment or system to detect hazards and need for adjustment, relocation, or replacement; repair faulty equipment or systems; assist with inspection of circuits and wiring for specified shielding and grounding and repairs or rewires system according to building codes and safety regulations.
- Perform minor repairs and preventive maintenance tasks on generators; bring existing electrical systems up to code and energy saving standards.

Requirements:

- Any combination of education and experience equivalent to a high school diploma or equivalent; work experience in the electrical trades.
- Must possess, or be able to obtain within 12 months Journeyman Electrical License
- Knowledge of connecting, wiring, and devices used in the conduction of electricity; safe and effective use of hand and power tools and other equipment of the electrical trade; and provisions of the national and local electrical codes.
- Ability to read and understand technical manuals, blueprints, and schematics; diagnose and correct electrical power, lighting, or communication failures and diagnose problems and repair or replace electrical equipment; exercise independent judgement and make independent decisions; establish and maintain effective working relationships with other staff members and the general public.
- Must have an acceptable driving record based on James City County's criteria.
- This job is considered essential personnel and will be required to work during and following natural disasters and emergency situations.

[Click here](#) for job description. Position is open 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>