

## **Facilities Technician I/II/III – Electrical**

\$39,968 - \$52,339 / year or higher DOQ + [Full Time County Benefits](#)

The James City County General Services Department 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.

There are three levels of Facilities Technician distinguished by the level of work performed and the qualifications of the employee.

Facilities Technician I: \$39,968 / year or higher DOQ

Facilities Technician II: \$48,903 / year or higher DOQ

Facilities Technician III: \$52,339 / year or higher DOQ

### **Responsibilities:**

- Installs electrical layouts for minor construction and renovation projects for County building structures and facilities; installs electrical conduit; connects wiring to lighting fixtures and power equipment; installs control distribution apparatus, such as switches, relays, and circuit breaker panels; connects power cables to equipment and installs grounding leads.
- Diagnoses electrical malfunctions, using appropriate test instruments and diagnostic procedures; repairs malfunctions by replacing burnt out elements and fuses, bypassing or replacing defective wiring using hand tools; tests electrical equipment for safety and efficiency using standard test equipment and by observation.
- Performs 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.
- Tests continuity of circuit to ensure electrical compatibility and safety for all components; observes functioning of installed equipment or system to detect hazards and need for adjustment, relocation, or replacement; repairs faulty equipment or systems; assists with inspection of circuits and wiring for specified shielding and grounding and repairs or rewires system according to building codes and safety regulations.
- Performs minor repairs and preventive maintenance tasks on generators; brings existing electrical systems up to code and energy saving standards.
- This job is considered essential personnel and will be required to work during and following natural disasters and emergency situations.

### **Requirements:**

- Any combination of education and experience equivalent to a high school diploma
- Must possess, or be able to obtain within 30 days of hire, a valid Virginia Driver's License with an acceptable driving record based on James City County criteria.
- 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.

[Click here](#) to see a full job description. Accepting applications until 11:59PM EST on 03/08/2024. Cover letters and resumes may also be attached, but a **fully completed application** is required for your application to be considered.

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