



Utilities Maintenance & Controls Electrician



Department: Service Authority
Full-Till Position
Open Until Filled

Apply online for this position at [King George Job Openings](#)

BENEFITS:

- **RETIREMENT-** King George County is a member of the Virginia Retirement System (VRS). New Employees will be required to pay a 5% employee contribution to VRS from each paycheck. All full-time salaried employees are enrolled into the system and become vested in VRS after five (5) years of service.
- **HEALTH INSURANCE-** County shared cost of medical, dental, and vision insurance.
- **GROUP LIFE INSURANCE-** Life insurance is carried for all full-time employees by Minnesota Life through VRS. The County pays the basic group life premiums. While actively employed, your group life provides you with life insurance coverage and accidental death and dismemberment insurance coverage.
- **OPTIONAL GROUP LIFE INSURANCE-** All active full-time employees covered under the basic VRS group life plan are eligible to purchase optional life insurance. Also, optional insurance plan for their spouse and child(ren).
- **DEFERRED COMPENSATION PLANS -** King George County offers two types of 457 Deferred Compensation Plans, Nationwide Retirement Solutions and Equitable Advisors.
- **LEAVE and HOLIDAY PAY**
- **EMPLOYEE ASSISTANCE PROGRAM-** The County provides confidential crisis counseling and referral services relative to personal, financial, or other matters which may adversely impact employees' well-being and work performance.

GENERAL DEFINITION OF WORK

Performs senior technical level operations service work. Work is performed under the general supervision of an Administrative or Technical Superior. Work includes skilled trades work at the **Journeyman/Master Electrical level** involving electrical repairs and maintenance.

Essential Functions

Work includes skilled trades work at the Journeymen/Master Electrical level involving electrical repairs and maintenance.
(These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

- Inspects, troubleshoots, tests, installs, repairs or replaces equipment and devices;
- Performs complex electrical work to include training and supervising of others with direction from a technical or administrative supervisor;
- Assignments are stable in nature and are carried out in accordance with accepted trades standards and applicable electrical codes and regulations;
- Repairs electrical devices of all sizes and complexity for a water and sewer utility operation, complex of government buildings, or at the Wastewater Treatment Plant facility;
- Contacts others on a routine basis, including contacts with various County personnel;
- Works and cooperates with co-workers and supervisors at all levels;
- Learns and performs all essential job functions accurately;
- Troubleshoots malfunctioning electrical circuitry, solid state control systems, and/or motor equipment, and takes corrective action;
- Installs, repairs, and tests electrical systems, electrical shop equipment, emergency or standby generation systems, and internal electrical power distribution facilities, such as switchboards, controllers, circuit breakers, motors, heating units, control panels and conduit systems;
- Plans new or modified installations and lays out work from engineering drawings, sketches, wiring diagrams, or other specifications; prepares sketches showing location of wiring and equipment;
- Diagnoses trouble in electrical systems or equipment;
- Makes standard computations relating to load requirements of wiring for electrical equipment;
- Uses specialized measuring and testing instruments such as voltmeters, ammeters, watt meters, ohmmeter, and meggers for such purposes as testing continuity of circuit to ensure electrical compatibility and safety of all components;

EDUCATION & EXPERIENCE

Any combination of education and experience equivalent to graduation from high school; completion of a State recognized apprenticeship and 2 years work experience at the journeyman level or 7 years of electrical trades experience, 2 years of which shall have been at the journeyman level; 1 year certificate from college or technical school; and completion of a recognized apprenticeship with three years of industrial experience to include a background in programmable controllers. *Prefer an individual with controls experience.*

SPECIAL REQUIREMENTS

Virginia Driver's license or equivalent issued by state of residence. Possession of a valid Journeymen or Master Electrician License. Applicants with appropriate experience and equivalent licensing from another jurisdiction will be considered for employment but will be required to obtain Virginia licensing within six months of appointment. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

APPLY FOR THIS POSITION AT:

<https://va-kinggeorgecounty.civicplushrms.com/CareerPortal/JobDetail.aspx?RequisitionId=107791&SourceId=2719>

POSITION IS OPEN UNTILL FILLED

- Tests all motor control systems, switch gears, and substation equipment;
- Inspects contracted installations, and repairs to ensure operability and conformance with specifications and contract;
- Maintains records and reports on materials and equipment used;
- Repairs breakdowns of electrical motors, motor control centers or switch gear;
- Plans new wiring systems, control circuits or alarm hookups in conjunction with existing equipment;
- May fabricate necessary electrical devices, and test and debug new installations;
- Maintains lighting systems; replaces bulbs, ballasts, and replaces parts;
- May direct or oversee the work of lower level semiskilled and unskilled employees;
- Performs overtime work and on-call work;
- Designated as an emergency/essential position and may be required to respond in a variety of emergency situations;
- Performs other duties as assigned or required.

KNOWLEDGE, SKILLS, AND ABILITIES

Thorough knowledge of standard electrical trade practices, methods, tools, instruments and equipment; thorough knowledge of electrical code requirements and standard electrical tests, repairs and new installations; ability to read engineering drawings, sketches, wiring diagrams, and other specifications; ability to analyze electrical problems and recognize safety warnings; ability to install and repair all types of high-voltage and low-voltage electrical equipment; frequently lift and/or move up to 50 pounds; specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus; ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals; ability to write routine reports and correspondence; ability to speak effectively before groups of customers or employees of organizations; ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations; 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 REQUIREMENTS

This is very heavy work requiring exertion in excess of 100 pounds of force occasionally, in excess of 50 pounds of force frequently, and in excess of 20 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, grasping, feeling, and repetitive motions; vocal communication is required for conveying detailed or important instructions to others accurately, loudly, or quickly; hearing is required to receive detailed information through oral communications and/or to make fine distinctions in sound; visual acuity is required for visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arm's length, operation of machines, and operation of motor vehicles or equipment; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat. noise. vibration. hazards. atmospheric conditions. and oils