

Industrial Electrician, Instrumentation and Control Specialist

\$44,104-\$57,335 / year DOQ + [Full-Time County Benefits](#)

James City Service Authority seeks an individual to perform experienced work maintaining and repairing control system equipment such as electrical, electronic, microprocessor, and variable frequency drives, electro-mechanical, power generation, and Supervisory Control and Data Acquisition (SCADA) components.

Responsibilities:

- Perform advanced design, maintenance, repair, and installation of electrical/mechanical equipment and systems in well and lift station facilities including motors, motor controllers, power distribution systems, SCADA/telemetry, generators, engines, pumps, and other associated mechanical systems; install upgrades of existing SCADA/telemetry systems.
- Redesign and rewire control systems in water production and wastewater collection facilities; design and modify control circuits for new and relocated electrical equipment systems.
- Install and maintain variable frequency drives, modular programmable logic controllers, and solid state controllers.
- Perform control and instrumentation work on power generation equipment to include automatic bus transfer switching systems; diagnose electrical problems with pumps and motors and repair when possible.
- Perform repair and installation on low voltage direct current SCADA/telemetry interface; perform electronic repairs and adjustments to SCADA/telemetry circuit boards.
- Perform electrical construction projects such as conduit installation and installs control panels and motor controllers.

Requirements:

- Any combination of education and experience equivalent to an Associate's degree in electronics or a closely related field; and, extensive related experience in electronics or instrumentation.
- Must possess a valid Virginia driver's license and have an acceptable driving record based on James City County's criteria.
- Must possess a valid Journeyman Electrician License issued by the Commonwealth of Virginia, or be able to demonstrate and verify appropriate knowledge level and experience.
- Knowledge of electronic theory and practice including materials, diagrams and methods used in the installation, maintenance and repair of electronic control devices; equipment used in electrical construction and repair; occupational hazards, safety precautions, and safety regulations related to equipment operation and general construction work.
- Skill in use of computer software, especially Microsoft Office Suite; and varied software systems.
- Ability to troubleshoot software or hardware problems; listen and understand directions, information and ideas presented verbally and in writing; handle a variety of customer service issues with tact and diplomacy; plan and organize daily work routine; establish priorities for the completion of work in accordance with sound time-management methodology.

Accepting applications until 11:59pm EST on 11/16/2019 or when filled, whichever comes first. Only online applications to our website will be considered. To apply, please visit the James City County Career Center at <https://jobs.jamescitycountyva.gov>