



## Quality Assurance Technician

### Job Scope

Quality Assurance Technicians are involved with product design and development, creating protocols for production and installation teams to follow that result in high-quality products. The role of a Quality Assurance Technician is to implement effective quality control measures, teach others how to use them, and supervise outcomes. Quality Assurance Technicians collect data and investigate possible solutions by troubleshooting the manufacturing, installation, or design processes for substandard products.

### Responsibilities

- Review, create, and alter construction drawings and perform material take-offs to develop an understanding of the scope, requirements, and function of products.  
Maintain knowledge of customer-specific programming requirements, document the processes for completing this, and oversee the QA for programming across all labor resources.  
Performs Programming of FSG Smart Buildings Products using tools provided by the Engineering Team.  
Identify root causes of problems in the production or installation process; recommend and/or implement corrective measures.  
Inspection and Quality Testing of FSG Smart Buildings Products.  
Analyze data to identify product quality trends or defects to mitigate and prevent recurrence and future defects.  
Provide supervision and training to others within FSG Smart Buildings, ensuring the installation practices are as expected and of high quality.  
Ensure all applicable commissioning procedures are being followed by a technician.  
Develop and maintain quality standards and associated documentation regarding the installation of BAS / EMS equipment for electrical and mechanical systems.  
Develop internal quality assurance processes and procedures regarding BAS / EMS equipment.

### Requirements

- Excellent organizational skills and attention to detail.  
Extensive knowledge of or the ability to quickly learn the organization's products and production processes.  
Excellent interpersonal skills with ability to serve as a liaison across departments.  
Strong analytical and problem-solving skills.  
Proficiency with basic software such as G-Suite and Microsoft Office products.  
Presently have your Osha10 or Osha30, or be able to obtain it within 90 days (Training provided by FSG).

As an EEO/Affirmative Action Employer all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, veteran status.



Experience with BACnet, Modbus, or other common BAS communication protocols is preferred.

Experience with creating engineering drawings and schematics is preferred.

Texas Journeyman Electrical License or Texas ACR License is preferred.