

# Electrical Engineer

## Position Overview

The GTUIT Electrical Engineer position will report directly to the Lead Electrical Engineer as well as interact frequently with the Vice President of Engineering. The position will include both office and field work to accomplish the company's primary objectives.

## Primary Job Functions:

- Develop engineering solutions in the form of new product designs that address the needs of GTUIT customers
- Work with field personnel to implement product changes/improvements across the range of deployed GTUIT equipment
- Travel on occasion to GTUIT customer locations to work with field personnel and GTUIT customers
- Take part in commissioning of new equipment at GTUIT manufacturing locations and customer sites
- Work with engineering and executive team members in evaluating new product opportunities
- Adhere to the company's procedures and safety protocols. Must be an active participant in the participation and advancement of GTUIT's safety culture.

## Qualifications

- Minimum BS in Electrical Engineering from an ABET Accredited institution. BSEE applicants with military training/experience are strongly encouraged to apply.
- Minimum 3yrs experience involving:
  - Design, production and maintenance of electrical systems.
  - Creating new electrical designs and drawings and understanding/experience in electrical drawing version control
  - PLC/PAC programming
  - Electrical design background that includes component selection and vendor interaction
  - Must be very "hands-on" with aptitude for both designing AND working on equipment. Hands-on technical experience is a must.

- Must possess very strong verbal and written communication skills. This position will interact daily with GTUIT stakeholders both inside and outside the company.
- Power systems design experience is a plus
- Background in both design and troubleshooting of both high voltage and low voltage systems
- Experience with automation and controls, PLC ladder logic, and industrial control architecture is preferred
- Engineering math skills with the ability to apply electrical methods such as circuit analysis, ohm's law, Boolean logic, etc. to engineering problems
- Demonstrated background in troubleshooting and resolving complicated electrical problems that included testing, problem isolation, repairing and servicing of technical equipment
- Applicant must be very safety conscious with ability to work safely in highly monitored work environments
- Familiarity with mobile PC tools and applications
- Experience in electrical design, service and/or troubleshooting of oil-field and/or energy related equipment is a plus
- Must be able to design and read electrical schematics
- English literacy
- Ability to correctly distinguish colors within electrical wiring/panels and electrical schematics
- Must have a clean driving record and be able to operate company vehicles in a safe manner
- Ability to pass pre-employment screening criteria including background check and drug test
- Ability to travel to customer sites as needed and work a varied schedule during product deployments and/or product commissioning
- Ability to lift minimum of 50 lbs.

If you meet the above qualifications and would like to be a part of rapidly evolving company at the forefront of energy innovations, please apply.