

Electrical Engineer

Electrical Engineer Job Purpose: As a member of the technical staff, the electrical engineer is responsible for the design of new electronic products up to full production

Electrical Engineer Job Duties:

- Assists all teams during the installation, maintenance and repair of process equipment
- Evaluates electrical systems, products, components, and applications by designing and conducting research programs; applying knowledge of electricity and materials
- Confirms system's and components' capabilities by designing testing methods; testing properties
- Develops electrical products by studying customer requirements; researching and testing manufacturing and assembly methods and materials.
- Develops manufacturing processes by designing and modifying equipment for building and assembling electrical components; soliciting observations from operators
- Assures product quality by designing electrical testing methods; testing finished products and system capabilities.
- Prepares product reports by collecting, analyzing, and summarizing information and trends.
- Provides engineering information by answering questions and requests.
- Maintains product and company reputation by complying with federal and state regulations.
- Keeps equipment operational by following manufacturer's instructions and established procedures; requesting repair service.
- Completes projects by training and guiding technicians.
- Maintains professional and technical knowledge by attending educational workshops; reviewing professional publications; establishing personal networks; participating in professional societies.
- Contributes to team effort by accomplishing related tasks as needed.

Education / Training:

- BS in Electrical Engineering or related field
- Master's Degree Desirable
- PE Certification Desirable

Skills / Qualifications:

- Fluent in Mandarin and English
- Electrical Design
- Variable Frequency Drives (VFD)
- Capacitance Banks
- Industrial Power

- Attention to Detail
- Deadline-Oriented
- Math Skills

Travel Required

- Moderate (15-20%)
- International travel likely

Physical Requirements

- Ability to stand or sit for extended periods of time
- Capable of lifting 25 pounds