**Job Description**

**Electrical Designer**

As a member of the technical staff, the Electrical Designer must be accomplished, self-motivated, with the ability to maintain and support our industry-leading products and systems. The Electrical Designer will work across a variety of functional groups that are directly involved in engineering, product development.

**Essential Functions**

* Evaluates electrical systems, products, components, and applications by researching specifications and designing complete systems; applying knowledge of electricity and materials.
* 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.
* 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.
* Develops and maintains electrical design standards and a product database using relevant and effective computer programs for the purpose; entering data.
* Coordinates with mechanical designers as needed to ensure integrated designs.
* Completes projects by training and guiding technicians on critical electrical design elements.
* Maintains professional and technical knowledge by attending educational workshops.
* Contributes to team effort by accomplishing related results as needed.
* Familiar with PLC Programming is a plus, but not necessary.
* Travel may be required.
* Other duties as assigned by Supervisor.

**Competencies**

* Technical Capacity.
* Problem Solving, Analysis, Troubleshooting
* Communication Proficiency
* Work safely without presenting a direct threat to self or others
* Compliance with all safety rules and guidelines
* Strong work ethic and great attitude needed

**Required Education and Experience**

* Associates Degree in relevant electrical design field
* Competent in the use of electrical engineering software
* Strong understanding of electrical manufacturing processes
* Exceptional written and verbal communication skills