**Electrical Engineer**

**About this job**

**Summary**

Researches, develops, designs, and tests electrical components, equipment, and systems by performing the following duties.

**Job description**

**Responsibilities include, but not limited to:**

* Design/Draw/redraw components and/or Assemblies from hand sketches or AutoCAD drawings into SolidWorks. Must be capable of detailing prints.
* Must be comfortable in an office environment & shop environment.
* Must be detail oriented in design/job release to manufacturing.
* Work with hand tools and/or power tools to assist in assembly, repair, or troubleshooting of machinery.
* Must design components in a cost-conscious manner, and strive to reduce cost on existing components and/or assemblies.
* Listen to assembly/manufacturing requests or concerns, and institute the proper procedure to resolve issues.
* Must be flexible with responsibilities/projects/duties as these may change daily based on work loading.
* Travel: Generally less than 10%. Travel may be to a trade show, bakery, seminar, or similar.
* Position is full time and includes: Salary, Medical benefits package, Vacation time, Holiday pay, & 401K plan. Salary TBD based on experience.

**Desired Skills and Experience**

**Knowledge and Skills (Education):**

* Strong mechanical aptitude.
* Prefer BS in Electrical Engineering or similar, but will consider years of related experience as a substitute.
* Understanding of mechanisms, pneumatics, and manufacturing processes.
* SolidWorks 3D Expert, includes large assemblies
* Prefer experience with a simulation/animation package (for creating sales presentations, and fully workable solid model for critical design areas.
* BOM Creation/Modification with an ERP system
* Logical thinker with strong problem solving skills, focused on providing solutions.
* Excellent written and verbal communication skills.
* Ability to work independently with little to no supervision.
* Multi-tasking, strong organizational and time management skills.
* Strong collaboration skills, including ability to work effectively with all departments.
* Ability to perform tasks involving bending, kneeling, lifting, sitting, standing and other positions.
* Proficient with Microsoft office products.

**Physical Demands**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is regularly required to sit; use hands to finger, handle, or feel; reach with hands and arms and talk or hear. The employee is frequently required to stand and walk. The employee is occasionally required to stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

**Work Environment**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is occasionally exposed to moving mechanical parts. The noise level in the work environment is usually moderate.