

POSITION DESCRIPTION

Position Description: **Electrical Designer**

Location: Wausau WI

Reports to: VP Engineering

JOB SUMMARY:

- Apply engineering theory and technical skills to support electrical engineering activities
- Create and maintain schematics, wiring diagrams, layout drawings and parts lists used for the manufacture and installation of equipment

REQUIREMENTS:

- Associate's Degree (two year college or technical school)
- Two to four years related experience
- Computer Skills including Autodesk AutoCAD Electrical, Infor, Microsoft Office

DESIRABLE:

- Knowledge of NEC requirements

ESSENTIAL FUNCTIONS:

- To perform this job successfully, an individual must be able to perform each essential duty satisfactorily
- Reasonable Accommodations may be made to enable qualified individuals with disabilities to perform the essential functions
- Create detail and assembly drawings of design components and circuitry using computer-aided design (CAD) software and standard drafting techniques
- Select and design parts to meet functional, cost and delivery requirements, and create parts lists used for the procurement, manufacturing and installation of equipment
- Consult with engineers to discuss and interpret design concepts, and determine requirements of detailed working drawings
- Understand manufacturing and installation processes and what is required on detail and assembly drawings to accomplish them
- Read and understand schematics and drawings of mechanical systems
- Maintain parts database and drawing libraries
- Review work performed by his or her peers for correctness

OTHER REQUIREMENTS:

- Accountability - Ability to accept responsibility and account for his/her actions
- Accuracy - Ability to perform work accurately and thoroughly
- Detail Oriented - Ability to pay attention to the minute details of a project or task
- Organized - Possessing the trait of being organized or following a systematic method of performing a task
- Self-Motivated - Ability to be internally inspired to perform a task to the best of ones ability using his or her own drive or initiative
- Communication, Oral - Ability to communicate effectively with others using the spoken word
- Communication, Written - Ability to communicate in writing clearly and concisely
- Conceptual Thinking - Ability to think in terms of abstract ideas
- Ethical - Ability to demonstrate conduct conforming to a set of values and accepted standards
- Goal Oriented - Ability to focus on a goal and obtain a pre-determined result
- Creative - Ability to think in such a way as to produce a new concept or idea
- Initiative - Ability to make decisions or take actions to solve a problem or reach a goal
- Innovative - Ability to look beyond the standard solutions
- Safety Awareness - Ability to identify and correct conditions that affect employee safety
- Technical Aptitude - Ability to comprehend complex technical topics and specialized information
- Working Under Pressure - Ability to complete assigned tasks under stressful situations
- Time Management - Ability to utilize the available time to organize and complete work within given deadlines

- Travel in excess of 15% domestically and internationally
- Ability to travel to Canada
- Ability to wear Personal Protective Equipment (PPE)
- Able to work for any employer in the United States
- Fluent in English language
- Possess strong electrical and mechanical aptitude
- Shall sign L&S Electric confidentiality agreement
- Valid driver's license, able to be insured
- Valid passport or ability to obtain one
- Able to perform all essential functions of the job

WORKING CONDITIONS:

- Sitting at desk for extended periods of time
- Normally office environment but will be exposed to shop and site environment as job requires.
- Aerial work may sometimes be necessary
- Core working hours start at 8AM unless prior approval given. Eight (8) working hours per day are required. Overtime requires prior approval.
- Environmental conditions vary from facility to facility (i.e. heat, noise)
- Occasional lifting of heavy objects
- Uneven or slippery walking surfaces
- Work from assigned L&S office unless prior approval given

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