

Electrical Engineer

Summary: Webb-Stiles Company is seeking a self-motivated electrical engineer with practical experience to join our team. Webb-Stiles designs and manufactures custom conveyor systems and material handling solutions to meet our customers applications. This position offers an exciting opportunity to be involved in the design of specialty equipment with capacities ranging 25 to 250,000+ lb.

An electrical/controls engineer (EE) at Webb-Stiles is responsible for the design and project management of our equipment. They are involved with all product stages from initial application specifications, to design and development, to manufacturing, through final testing and commissioning. They will work with vendors and material suppliers to specify the best and most cost-effective components and materials for use in equipment. They will develop innovative ideas to solve difficult problems and integrate existing designs and components into new equipment.

The EE will be responsible for specifying electrical control schemes, PLC and HMI Programming, commissioning, installing, and troubleshooting of both new and existing automated systems. An EE must be able to effectively communicate design requirements to fellow engineers, and the manufacturing shop floor. They must be capable of learning on the job and working solo or in a team. Good project management and organizational skills are a must.

Essential Duties and Responsibilities:

Electrical Drawings

- Create electrical drawings using AutoCAD Electrical.
- Generate and maintain bills of material on engineering drawings.
- Assign drawing numbers and descriptions in accordance with company standards.
- Read, interpret, and apply company and national safety standards to ensure compliance.
- Effectively communicate all above requirements to shop fabrication personnel and electricians.

Electrical Design and Engineering

- Design and develop all aspects of electrical controls systems on the in-house built material handling equipment.
- Programming and commissioning of PLC and HMI bases hardware and software-controlled material handling equipment.
- Prepares electrical scopes of work and evaluates subcontractor quotes.
- Identify and select components and materials needed for equipment.
- Apply knowledge of manufacturing techniques to design readily manufacturable parts and systems.
- Research and analyze customer design requirements and specifications to evaluate feasibility and costs.
- Contribute to design standards and support design reuse.
- Travel to customer facilities to perform installation and commissioning of material handling systems and equipment.
- Investigate equipment failures to diagnose root cause and make recommendations for repairs.

WEBB-STILES COMPANY

Main Plant & Corporate Office

675 Liverpool Dr. | P.O. Box 464
Valley City, OH 44280
(330) 225-7761

WEBB-STILES.COM
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Southern Division

700 Industrial Pkwy | P.O. Box 2608
Gadsden, AL 35903
(256) 492-6642

Electrical Engineer

Education/ Experience Requirements:

Computer Software:

- AutoCAD Electrical
- PLC/HMI programming software
- Microsoft Office suite

Education and Experience:

- Bachelor's degree in electrical engineering or similar discipline. (Preferred)
- Webb-Stiles values proven experience and a verifiable track record. Individuals willing to prove their knowledge and proficiency in the field may apply if they have not completed the degree(s) noted above.
- Experience in the design of material handling and conveying equipment is (Preferred).
- Programming, design, or integration of Robotic or SCADA Equipment will also be considered.
- 4+ years of experience in a relevant field.

Schedule: Day shift

Work Remotely: No

Job Type: Full-time

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