

ECKHART

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eckhartusa.com

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CONTROLS TECHNICIAN

Department: Operations
Reports To: Operations Manager
FLSA Status: Non-Exempt
Updated: 02.15.2019

Working at Eckhart is an opportunity to directly impact the future of American manufacturing. We are an Industry 4.0 leader committed to developing advanced manufacturing solutions that enhance the quality of life. Our AUTOCRAFT™ autonomous guided vehicles and FLEXCHECK™ collaborative robotic error-proofing systems lead the market in reliability and dependability. Our suite of solutions includes AGVs, collaborative & traditional robotics, 3D printing, conveyance & automation, highly engineered weld fixtures, lift-assist & ergonomic tooling, and mechanical & electrical engineering services. Our solutions improve employee safety, product quality, and productivity at the largest companies in the world.

Eckhart invests in people because we believe it is our people who differentiate our solutions and our company from our competitors. For over 40 years our company has committed dedicated creative minds to conceptualize and design custom manufacturing solutions for industry. Our customers span medical devices, food, consumer packaged goods, aerospace, automotive, industrial machinery, commercial construction, household appliances, and farm machinery & heavy trucks. We thrive solving our customers' most difficult problems and find satisfaction when customers receive safe and efficient turn-key solutions that enhance their quality of life.

Description

Eckhart is a premier market leading manufacturing solutions provider to Fortune 500 industrial manufacturers. We are seeking creative minds committed to innovative disruption like artificial intelligence, autonomous guided carts (AGCs), additive/3D printing, collaborative robotics, and microlocation spatial positioning. We believe companies that embrace Industry 4.0 will shape the future of how things are made.

From ergonomic lift-assist solutions, that help manufacturers transfer raw material and large components to points of assembly in factories, to turn key fully integrated controls that empower manufacturing companies to identify parts, confirm work sequences, and monitor product quality, our team loves creativity and ingenuity. We work closely with our customers to ensure their design to installation experience at Eckhart is exceptional.

Controls Technicians are able to apply electrical/pneumatic theory and related knowledge to build and test industrial controls systems according to engineering data. Applying a working knowledge of electrical/pneumatic principles as well as the ability to understand wiring diagrams, layout drawings and engineering specifications is required.

Essential Duties and Responsibilities:

- Support manufacture, build and validation of systems which include pneumatics, servos, vfd's, relays, communication networks, touchscreens, pushbuttons and robotic integration.
- Demonstrate the ability to plumb and wire mechanical ergonomic lift assist tools, secure tools, robotic/automated systems and special machines to drawings/schematics provided. Technician must have the ability to provide consistent and quality driven product results associated with assembling and terminating control panels, controls plates and wire/tube harness assemblies.
- Demonstrate the ability to interpret 2d drawings of both mechanical and controls assembly to include controls wiring diagram and pneumatic controls logic diagrams. Electrical wiring diagram familiarity is essential.
- Ability to mechanically assemble various tools and special machines using pneumatic and electrical components in the construction of the machine system. Some light mechanical assembly such as drilling and tapping may also be required in the event support for that function is requested.

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- Able to provide controls assembly support both internal to Eckhart and onsite at customers as needed. This would include but not be limited to internal customer buyoff events and offsite customer install or service as needed.
- Must be able to travel within the continental US/North America.
- Provide onsite support to our customers as needed sometimes with little to no notice for required travel. Overtime may be a requirement at the request of the customer
- Ability to troubleshoot new and existing controls systems that may require little to no knowledge of the requirements to use that tool. Technician is often seeing problems for the first time and must quickly move to alleviate any issues regarding function of the tool as requested by the customer.

Qualifications:

Demonstrable knowledge and skills for electrical installation, maintenance and repair of electrical systems and equipment. To perform this job successfully, an individual must be professional, proactive and positive, with internal and external customers and coworkers. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable the individuals with disabilities to perform the essential functions.

Education and/or Experience:

High School diploma or Associates degree from an accredited community college or vocational school. Curriculum must demonstrate courses achieved leading to completion of a certificate/degree in this industry. Job related experience and/or training will be considered in lieu of post-secondary education. Entry level positions will be considered and described accordingly during review. All other candidates must have a minimum of 5+ years' experience in the electrical trade.

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 occasionally required to perform light physical activity. The employee must occasionally lift and/or move up to 75 pounds. Specific vision abilities required by this job include close vision and depth perception.

Other skills and abilities:

- Ability to troubleshoot existing installations.
- Ability to read and understand mechanical and electrical drawings.
- Ability to use hand/power tools and possess basic understanding of machining tools.
- Working knowledge of personal computer, keyboard, and various software programs.
- Working knowledge of manufacturing processes
- Strong interpersonal skills.
- Good verbal and written skills.
- Proven organizational skills.
- Ability to prioritize and work with limited supervision.
- Good presentation skills.
- Ability to explain how and why specific conclusions were reached.
- Ability to maintain confidentiality.
- Ability to work well under pressure and to remain flexible to changing schedules and demands.