

Electrical Systems Technician

As part of the Production Team you will be responsible for the integration, assembly, test, crating, packing, and installation of industrial x-ray systems

Job Description:

- Fabricate and assemble parts, components, assemblies, electrical control and safety circuits for new systems according to prints and verbal direction.
- Wiring of custom systems to include electrical panel building, machine wiring, pulling wire, terminating, bending conduit, wiring motors and system startup and testing.
- Responsible for primary machine electrical assembly and disassembly.
- Assist with the preparation and debugging of PLC or PC based control programs.
- Perform tasks in accordance and compliance with US and European standards, defined quality standards, all related Company design and safety standards and potentially standards of customer's home country.
- Travel to customer sites to install, troubleshoot/repair, and/or test systems (approx. 25%).
- May need to provide hands-on electro-mechanical support of machine construction to include mechanical fabrication tasks, machine wiring, startup, and testing.
- Perform miscellaneous duties as assigned including clean-up, department organization, material movement, and forklift operation.

Essential Skills:

- HS Diploma with some technical schooling or training in electronics technology.
- Minimum two (2) years of directly related hands-on experience in a manufacturing environment.
- Mechanical and electrical aptitude.
- Ability to read wiring diagrams, schematics, and engineering documentation.
- Proficiency in cutting, stripping, tinning, and crimping cable and harness is ideal
- Established understanding and experience working with high voltage power levels (>1KW)
- Proficient in the use of test equipment such as multimeters and oscilloscopes.
- Understanding of electrical circuitry with established electrical safety work protocols and practices and ability to read electrical diagrams.
- Must be a strong team player, capable of fostering and thriving in a close knit, cross functional team environment and effectively communicating verbally and in writing in English.
- Must be legally authorized to work in the US and must be able to successfully pass a complete background check.
- Will need to successfully pass a drug test and present a clean and valid driver's license

Non-Essential Skills:

- Computer Skills and experience using Microsoft Word and Excel
- Prior experience working with BOMS and or computerized MRP or ERP systems
- Familiarity with motion control design, PLC / PC programming and distributed control theory.
- Knowledge and understanding of x-ray technology
- Experience with ISO and/or NQA-1 quality standards and procedures.

Physical & Mental Demands:

- Regularly required to stand for prolonged periods of time and sit, walk, bend and work within and around systems in an industrial environment
- Will need to repeatedly use hands to finger, handle, feel and operate crimping devices, hand tools, power tools, and related standard industrial production and office equipment.
- Able to operate a forklift, power lift and other material movement devices effectively and safely once trained.
- Day to day responsibilities will require lifting, moving, carrying, and maneuvering materials up to 50 pounds alone; heavier with assistance.
- Capable of working at elevated heights with proper safety gear and to safely use and traverse a ladder.
- Specific vision abilities required include close vision, distance vision and the ability to adjust focus.
- Expected to effectively communicate in person, on phone, and via email and other electronic devices on a continual and repetitive basis.
- Capable of Domestic travel
- Able to fulfill essential job function in a consistent state of alertness and safe manner

This job description is not all inclusive and is subject to change at any time.