

Mechanical 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:

- Integrate a turn-key electro-mechanical system by providing hands-on electro-mechanical support of machine construction to include mechanical fabrication tasks, system assembly, startup and testing according to drawings, schematics, and verbal instruction.
- Install and assemble electro-mechanical sub-assemblies, parts, and components.
- Perform light machining tasks, as required.
- Layout and cutting of frames, cabinets, panels, and other related components, as required.
- Responsible for primary machine mechanical assembly and disassembly.
- Perform tasks in accordance and compliance with US and European standards, defined quality standards, all related Company design and safety standards.
- Where possible, assist with wiring of custom systems to include electrical panel building, machine wiring, pulling wire, terminating, bending conduit, wiring motors and system startup and testing.
- Travel to customer sites to install, troubleshoot/repair, and/or test systems (approximately 25%).
- Perform miscellaneous duties as assigned including clean-up, light maintenance duties, material movement, inventory counts, crate/pallet building, furniture assembly, and forklift operation.

Essential Skills:

- HS Diploma with some technical schooling or training
- Minimum 2 years of directly related hands-on experience in a manufacturing environment ideally in the integration and fabrication of complex electro-mechanical systems.
- Mechanical and electrical aptitude with demonstrated proficiency with basic hand and power tools.
- Proven fabrication and layout skills.
- Ability to read prints, wiring diagrams, schematics, and engineering documentation.
- Available to work extended hours and weekends, as workload requires.
- Must be a strong team player, capable of fostering and thriving in a close knit, cross functional team environment and able to effectively communicate verbally and in writing in English.
- US citizen or permanent resident legally authorized to work in the US and able to successfully pass a complete background check and drug test.
- Will need to present a clean and valid driver's license.

- Computer Skills.

Non-Essential Skills:

- Experience using Microsoft Word & Excel.
- Wiring and/or basic electrical experience or knowledge preferred
- Proficiency in cutting, stripping, tinning, and crimping cable and harness is ideal.
- Prior experience working with BOMS and or computerized MRP or ERP systems
- Prior experience working with 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.