

Electrical Engineer – Entry Level

Responsible for assisting in the design, wiring, testing and debugging complex electro-mechanical industrial x-ray integrated sources.

Job Description:

- Design, modify and evaluate electronic circuitry, parts, and components for high voltage power supplies for X-Ray applications.
- Test, troubleshoot, and debug electrical components and systems.
- Analyze equipment to establish operating data and conduct experimental tests.
- Works with technical personnel to ensure prototype models are assembled according to design specification.
- Review engineering drawings and designs to ensure adherence to established specifications, internal guidelines, quality standards and national codes and standards.
- Generate, revise, and finalize BOMs
- Interact with a cross-disciplinary engineering team (mechanical, electrical, software) to generate and edit system electrical design documents
- Provide support to other departments in the creation of technical documentation, system manuals, and customer facing documentation
- Interact with a cross-disciplinary engineering team (mechanical, electrical, software, project) on system designs and to help resolve customer problems and provide world class customer service
- Perform other duties as assigned by engineering team

Essential Skills:

- Bachelor's Degree in Electrical Engineering
- Internship or work experience in a manufacturing or engineering company
- Understanding of electrical circuitry with established electrical safety work protocols and practices and ability to read electrical diagrams.
- Familiarity with soft switching techniques, schematics capture and PCB layout.
- Proficiency in the English language with established written and verbal communication skills
- Conversant with Microsoft Word, Excel & PowerPoint
- Ability to work in a fast-paced dynamic environment, capable of prioritization, multitasking, and effective organization.
- Must be a US citizen and able to pass personal background and security checks
- Will need to successfully pass a drug test and present a clean and valid driver's license

Non-Essential Skills:

- Knowledge of CE, UL, or other applicable regulatory guidelines or standards
- Prior soldering experience
- Basic understanding of an MRP or ERP system.

Physical Demands and Mental Demands:

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Electrical Engineer – Entry Level

- Regularly required to sit, walk, bend and stand.
- Will be required to lift, move, erect, install and assemble components of varying weight, height, length and width dimensions.
- Expected to effectively communicate in person, on phone, and via email and other electronic devices on a continual and repetitive basis.
- Will need to repeatedly use hands to finger, handle, feel and operate hand tools, power tools and standard office equipment.
- Will need manual dexterity to be able to complete required system and component cabling and wiring
- Day to day responsibilities will require lifting, moving, staging and placing of materials up to 50 pounds alone and heavier with assistance
- Specific vision abilities required include close vision, distance vision and the Must be 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. VJ X-Ray LLC provides equal employment opportunity to all individuals regardless of their race, color, creed, religion, gender, age, sexual orientation, national origin, disability, veteran status, or any other characteristic protected by state, federal, or local law. The company takes affirmative action to ensure that applicants and employees are treated during the application process and post hiring employment without regard to any of these characteristics. Discrimination of any type is not tolerated.

