

Electrical Engineer

VJ X-Ray LLC is the global leader in developing and manufacturing integrated x-ray sources and high voltage generators. Our mission is to be uncompromising in pushing the boundaries of component design and manufacturing for every OEM partner.

This electrical engineering career opportunity is 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 used with 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/standards
- Generate, revise and finalize BOMs
- Interact with a cross-disciplinary engineering team (mechanical, electrical, embedded 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
- Create and maintain engineering reports
- 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
- Safety Sensitive Position

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
- Prior soldering experience
- Proficiency in the English language with established written and verbal communication skills
- Excellent Microsoft Office Skills
- Ability to work in a fast-paced dynamic environment, capable of prioritization, multitasking and effective organization
- Must be authorized to work in the U.S.
- Will need to successfully pass a personal background check and drug screening

Non-Essential Skills:

- Knowledge of CE, UL, or other applicable regulatory guidelines or standards
- X-ray component knowledge
- Basic understanding of an MRP or ERP system

Physical & Mental Demands:

- Regularly required to sit, walk, bend, stoop and stand within an industrial environment
- Will need to repeatedly use hands and fingers to operate basic office equipment and operate hand and power tools standard to a production environment
- Expected to effectively communicate in person, on the phone and via email and other electronic devices on a continual and repetitive basis
- Responsibilities will require lifting, moving, staging and placing of materials up to 50 pounds alone and heavier with assistance
- Vision abilities required for this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus
- Must be able to fulfill essential job functions in a consistent state of alertness and safe manner
- May be required to travel, domestically and internationally, by car and by air. Overnight stays may also be required
- On a regular basis, will be required to:
 - use written and oral communication skills
 - read and interpret data, information and documents
 - be creative, make judgements, use reasoning and make decisions
 - observe and interpret situations
 - learn and apply new information or skills
 - perform detailed work on multiple, concurrent tasks
 - work under intensive deadlines with frequent interruptions
 - interact with internal and external customers holding positions from a wide array of disciplines and organizational hierarchy levels
- May need to communicate and effectively manage dissatisfied or frustrated customers and/or interface with difficult/demanding individuals

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