

POSITION TITLE: Electrical Engineer, 1 to 10 Yrs. Experience

FLSA Status: Exempt (Salaried)
Position Status: Full-time
Department: Engineering

Clean Energy is a fast-growing industry that is generating challenging and valuable opportunities. Whether you have a few years of experience or an established track record in your field, consider taking your career to the next level at Skyre, Inc. (SI). SI was founded in 2007 and is an emerging leader in electrochemical systems for critical energy and industrial applications having tremendous global commercial and societal value. Within our vibrant culture, the atmosphere is collaborative and supportive. Our employees are engaged because they know their ideas, opinions, and work are valued. Your experiences at Skyre will enable you to accelerate your career and deepen your impact on our global challenges facing the environment. Join our company to further your career at a company that is transforming the industry with innovative products and technology.

POSITION SUMMARY:

We are seeking an Electrical Engineer at Skyre, Inc. to support our company-wide product development activities. In this role, you will be primarily responsible for assisting in the execution of R&D programs, the engineering of products, the development of systems, executing laboratory analyses and tests, and various other activities. As an Electrical Engineer, you will work closely with cross-functional teams in an environment that is customer-driven, quality focused, and growth oriented.

PRIMARY RESPONSIBILITIES:

- Design of controls and power distribution for electromechanical systems, including high-voltage electrical disconnects (up to 480 VAC, 3 phase)
- Design of electrical harnesses for component actuation (24/28 VDC or 120/240/480 VAC) and signal acquisition (0-5 VDC; 4-20 mA)
- Selecting and specifying electrical components, including low-voltage, high-current power supplies for electrochemical cell stacks (powering low impedance devices such as water and carbon dioxide electrolyzers); power electronics; control and safety relays
- Modification of existing products for cost reduction and feature enhancement
- Working with suppliers to develop and integrate components in system designs
- Creation of schematics, bills of materials, and operational documentation
- Designing for compliance to various industry standards
- Support the production floor and service group in troubleshooting system anomalies
- Must be an effective team player with ability to work well in our lean, fast-paced environment

MINIMUM :

- 1-10 years' experience designing, building, testing electro-mechanical systems
- Strong familiarity with electrical codes and standards, particularly the National Electric Code (NFPA 70)
- Ability to understand and develop schematics and bills of material
- Hands-on test and troubleshooting skills of control system hardware and software
- Motivated self-starter with high level of initiative and a creative approach to problem solving
- Excellent verbal and written communication skills

Visas

- Skyre will only employ those who are legally authorized to work in the United States. This is not a position for which sponsorship will be provided.
- Individuals with temporary visas such as E, F-1, H-1, H-2, L, B, J, or TN or who need sponsorship for work authorization now or in the future, are not eligible for hire.

Due to the high volume of resumes we receive, we are not able to respond personally to every application. However, we do review every resume, and will be sure to contact you if we think there is a possible fit.