



## **Electrical Controls Engineering Manager**

**Pay range: \$110-138K DOE**

**\*\*This position is located in Syracuse, NY.**

*At Bluefors, we are proud to design and manufacture world-class cryogenic solutions that enable breakthrough discoveries. From our Syracuse, NY facility, home to Cryomech product lines, we develop and build cryogenic systems that power advances in quantum technology, scientific research, and other cutting-edge industries.*

*Founded in Finland in 2008, Bluefors quickly became the global leader in ultra-low temperature systems. With the addition of Cryomech, Syracuse-based pioneer since 1963, our combined expertise allows us to deliver reliable, high-performance products that scientists, innovators, and industries depend on every day.*

*Our team of 600+ professionals from over 50 nationalities is united by curiosity, craftsmanship, and a share mission: to help our customers go further. Whether building precision cryocoolers, engineering complete measurement systems, or supporting our products in the field, we focus on quality, collaboration and progress.*

*Working at Bluefors means contributing to technology that has real impact worldwide. In Syracuse, our employees are the heart of producing the cryogenic systems that enable tomorrow's discoveries - while building rewarding careers in engineering, manufacturing, quality, finance, sales, service and beyond.*

### **Position Summary**

The Electrical Controls Engineering Manager is responsible for overseeing the design, development and implementation of electrical and control systems, ensuring compliance with industry standards, optimizing operational efficiency and driving innovation.

### **Essential Duties and Responsibilities :**

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Lead electrical and controls projects from design to implementation.
  - Supervise, mentor and develop the electrical and controls Engineering team.
  - Oversee the design, development and testing of electrical systems and control solutions.
  - Coordinate with cross-functional teams and stakeholders to align projects with business objectives.
  - Ensure designs meet technical specifications, operational requirements, and compliance standards.
  - Ensure all designs and installations comply with safety regulations and industry standards.
  - Optimize resource allocation to meet project and organizational goals.
  - Identify opportunities to improve system efficiency and implement innovative solutions.
  - Provide expert technical guidance and troubleshooting support.
  - Maintain strong relationships with clients, vendors, and regulatory agencies.
  - Improve processes and workflows by tracking key performance indicators (KPIs) and taking corrective action as needed.
  - Ensure all electrical and control systems comply with relevant national and international standards.
  - Maintain accurate and detailed project documentation.
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- Additional duties as assigned.

### **Qualifications and Education Requirements**

Bachelor's or Master's degree in Electrical Engineering or related field. Minimum of 5 years' experience in Electrical and Controls Engineering. Minimum of 2 years in a supervisory role. Experience with AB and PLC programming/troubleshooting, SCADA systems, power distribution, automation, Rockwell RS Logix family of PLC and the FactoryTalk View Studio HMI software platforms for new equipment is required. Experience using electrical design software (AutoCAD, EPLAN, etc.) and additional relevant experience required. PMP Certification, Six Sigma, or equivalent is preferred but not required.

### **Employee Benefits**

Bluefors offers a generous benefits package including health, dental, vision, 401K, long and short-term disability, life, training, tuition reimbursement, and Paid Time Off (PTO).

This role does not offer sponsorship for work authorization.

Bluefors Cryocooler Technologies, Inc. is an Equal Opportunity Employer. All qualified applicants will receive consideration regardless of disability status, veteran status, or any other New York State or federally protected characteristic.

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