



Industrial Engineer

Pay range: \$75-85k DOE

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

Bluefors and Cryomech have recently joined innovative forces to become a world leader in cryogenic technology and manufacturing. Now, as the new Bluefors, a company of 600 professionals from 50+ different nationalities and growing, we are proud to continue serving quantum technology, scientific and other select industries throughout the world.

Bluefors is a Finnish-based company formed in 2008 and quickly became a market-leader in ultra-low temperature systems. We design, customize and manufacture measurement systems that can provide a clean and quiet environment for scientific research. Cryomech, a world leader in cryocoolers and cryogenic systems, has been a Syracuse-based high-tech manufacturer since 1963, and will continue to be the brand of product lines from Syracuse.

Together we have a strong focus on the quantum computing and information community, and we are here to support scientists and industries go further in their endeavors. For this we have brought together the best minds from a variety of fields. Here we are curious to the core, have wide-range expertise, and have one mission: progress. Together we deliver systems all around the world and the markets for our products are constantly growing.

Position Summary:

The Industrial Engineer will play a pivotal role in optimizing operational processes within our organization. This position involves analyzing and improving systems, workflows, and procedures to enhance efficiency and productivity. The Industrial Engineer will collaborate with various departments to implement strategic solutions and drive continuous improvement initiatives.

Essential Duties and Responsibilities:

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

- Conduct time and motion studies to analyze work methods, equipment utilization, and overall efficiency.
 - Identify and implement process improvements to enhance productivity and reduce costs.
 - Design and implement effective production layouts, considering factors such as workflow, ergonomics, and safety.
 - Collaborate with cross-functional teams to streamline communication and processes between departments.
 - Develop and maintain training instructions and standard operating procedures (SOPs) to ensure consistency and quality in operations.
 - Utilize statistical methods and tools to analyze data and identify opportunities for improvement.
 - Evaluate and recommend changes to equipment, materials, or systems to improve efficiency.
 - Collaborate with senior engineers to implement lean manufacturing principles to eliminate waste and optimize resource utilization.
 - Assist in the planning and implementation of new production lines or facilities upgrades.
 - Conduct root cause analysis for operational issues, present findings to manufacturing engineering manager, and propose possible corrective actions.
 - Provide training and support to employees on new processes and improvements.
 - Monitor key performance indicators (KPIs) to assess the effectiveness of implemented changes.
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- Collaborate with manufacturing engineering manager and production manager to develop and implement strategic plans for process optimization.
- Additional duties as assigned

Qualifications and Education Requirements

BS in Industrial or Mechanical Engineering from an accredited university or college. A minimum of one year in an engineering role is required. Experience with lean six-sigma principles and methodologies preferred (no belt or certification 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.
