



Maintenance Repair Technician

Pay range: \$24-30/hr 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 Maintenance Repair Technician is responsible for maintenance and repairs of all Bluefors' equipment.

Essential Duties and Responsibilities

- Inspects, monitors, repairs and maintains complex company equipment (electrical, mechanical, pneumatic, and hydraulic systems).
 - Repairs or replaces defective parts using hand tools, power tools, and precision measuring instruments.
 - Maintains and calibrates various equipment (CNCs, vacuum pumps, oil systems, BTA oil separator, water heaters, buffing booth, etc.)
 - Conducts thorough inspections to identify potential problems and prevent downtime.
 - Performs work with a sense of urgency to respond to machine downtime events.
 - Reviews manufacturers' service manuals, own establishment's usage schedules, and records of maintenance problems to develop and maintain a preventative maintenance schedule for each machine.
 - Maintains all records relating to planned and completed maintenance.
 - Works with production managers to determine when planned maintenance will least interfere with production
 - Cleans machine, tooling, and parts and performs machine maintenance as required.
 - Able to troubleshoot machine issues
 - Assists in training and informing employees of the Preventive Maintenance Program.
 - Fabricates benches/equipment & assembling.
 - Monitors and records inventory used (tooling, supplies and raw materials) and notifies appropriate personnel.
 - Process cooling water filter changes
 - Basic troubleshooting/diagnostics of HVAC & plumbing equipment (RTUs, water heaters, etc.)
 - Responsible for housekeeping and safety practices as it applies to this work environment.
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- Completes training programs both in-house and at external locations as needed.
- Other duties as assigned

Qualifications and Education Requirements

- High School Diploma/GED with a minimum of 3 years of machine maintenance experience required. 5+ years of machine maintenance experience is preferred, or equivalent combination of education and experience. Familiarity with a Computerized Maintenance Management System (CMMS) highly preferred.

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.
