

# CRYOMECH

## Mechanical Engineer

*Cryomech, international leader in cryorefrigeration, has been a Syracuse-based high-tech manufacturer since 1963. Learn more about our exciting projects at [Cryomech.com](http://Cryomech.com)*

As we settle into our brand-new building, we are growing our team to add capacity and meet the increased volume of customer orders.

### **Position Summary**

Assist and contribute to the engineering, manufacturing, and quality departments. This position is responsible for creating and maintaining engineering, production, and quality documentation in accordance with the company's Quality Management System.

### **Essential Duties and Responsibilities**

- Create and maintain engineering documentation including product manuals, production work instructions, bills of materials (BOM), and engineering project folders
- Assist with product life cycle
- Generate, modify, and maintain 3D models, 2D CAD-schematics, PID's and 2D drawings for Cryomech designed parts and products
- Assist drafters in developing the structural design of products using AutoDesk Inventor
- Conduct validation and verification tests for selected products and prototypes
- Test selected products at specified stages in the production process for performance characteristics or adherence to specifications
- Compile and evaluate statistical data to determine and maintain quality and reliability of products
- Support engineering and specific production teams. Ensure all engineering and production documentation and drawings are complete, current and stored appropriately in accordance with the company's Quality Management System
- Maintain a presence on the manufacturing floor and provide a communication link between the engineering production departments
- Participate in Manufacturing Quality audits and work closely with colleagues in the engineering, production and quality departments to resolve corrective actions in a timely manner
- Other duties as assigned

### **Qualifications and Education Requirements**

- Bachelor's degree in Mechanical or Manufacturing Engineering from an accredited university or college. Minimum of 3 years' experience in manufacturing environment preferred.
- Excellent command of desktop software packages Microsoft Office Suite and 3D Modeling Suites
- Strong attention to detail with the ability to multi-task
- Proficient using a variety of hand tools (Machining equipment a plus)
- Troubleshooting and problem-solving skills
- Work effectively in a change-oriented environment with the ability to plan, organize, and prioritize tasks
- Self-starter with initiative, drive, and determination
- Strong written and oral communication skills
- Demonstrates a positive attitude, interpersonal skills and an initiative to succeed

### **Preferred Skills**

- Electrical experience/background preferred not required
  - Knowledge of ISO, UL, PED compliances preferred not required
  - Strong working knowledge of GD&T and ASME standards preferred.
-

# CRYOMECH

## Employee Benefits

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

Cryomech 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.

---