

Mechanical Device Model Maker

Boston Cryogenics LLC
34 Sullivan Rd, Unit 18
North Billerica, MA 01862
Full-time

Company Profile

Boston Cryogenics manufactures next-generation cryogenic cooling systems. We are a U.S. company creating critical technologies to serve the quantum computing, semiconductor, healthcare, research, and defense industries.

About the Role

We are seeking a creative and energetic Mechanical Device Model Maker to help design and improve our cryogenic systems. The Mechanical Device Model Maker will be responsible for sourcing or creating prototype components and custom tooling from sketches, drawings, and 3D models. They will be required to use the provided machine shop, equipment and materials in a safe and effective manner.

Boston Cryogenics is looking for self-motivated and flexible model makers who desire to contribute to cutting-edge technology, are willing to ask questions, and exhibit strong problem solving capabilities. Drive, creativity and craftsmanship characterize the professional to design and improve these systems. They are required to execute the following responsibilities:

Core Responsibilities:

- Work with complex parts with tight tolerances
- Assemble prototypes
- Collaborate with engineers to troubleshoot problems
- Maintain a neat, clean, and organized work area and follow all company safety guidelines
- Perform other duties as needed

Critical Competencies / Experience:

- Minimum 2 years machine shop experience
- Ability to read and interpret drawings and files, including GD&T proficiency
- Ability to setup and operate machine shop devices, experiences of brazing and welding tools preferred
- Experience and knowledge in secondary operations such as deburring, polishing, heat-treating, surface grinding, etc.
- Ability to work independently, take ownership of assignments, and complete tasks thoroughly, accurately, and on-time

Boston Cryogenics offers a competitive compensation and benefits package including medical, vision and dental insurance, paid time off, etc.