

Mechanical Device Model Maker

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

Job Description

Boston Cryogenics, a start-up aiming to develop and manufacture next generation cryogenic cooling systems for industrial and scientific applications, is seeking a creative and energetic Mechanical Device Model Maker to help design and improve these systems.

We are looking for self-motivated model makers who are flexible, willing to ask questions, capable of working on multiple tasks at the same time, interested in a startup environment, and would like to contribute to the cutting-edge technology.

About the Role

As a Model Maker, your role is to source or create prototype components and custom tooling from sketches, drawings, and 3D models by using machine shop equipment and materials in an effective and safe manner.

Core Responsibilities:

- Work with complex parts with tight tolerances
- Assemble prototypes using brazing or welding tools
- 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 5 years machine shop model maker experience
- Ability to read and interpret drawings and files, including GD&T proficiency
- Ability to setup and operate mills, lathes, brazing and welding tools, etc.
- Experience and knowledge in secondary operations such as deburring, polishing, heat-treating, surface grinding, etc.
- Strong working background using CAD and CAM software
- 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 transactional bonus plan, medical, vision and dental insurance, vacation / sick days, etc.