



Product Design Engineer

Discipline Mechanical Engineering

We are seeking a full-time **Mechanical Engineer** to work out of our corporate office in Burlington, Massachusetts.

About our Company

NETZSCH Instruments North America, LLC is the U.S. subsidiary of a well-established, mid-sized German company which primarily deals in the manufacture and sale of state-of-the-art instrumentation for Thermal Analysis and the determination of Thermo-physical properties of materials. As a complement to our product lines, we also provide Commercial Testing Services. We have manufacturing and commercial testing centers in Germany, the United States and China.

The **Mechanical Engineer** is responsible for ensuring new products can be built within the existing production environment and process technologies.

Some of the key responsibilities include but not limited to :

- Basic project management (develops and maintains project scope, task lists, timelines)
- Communicate and interface with team members and internal customers on project status
- Create 3-D equipment designs using SolidWorks software
- Create fully detailed 2-D fabrication drawings of the designs
- Assemble, troubleshoot, and qualify the designed equipment
- Builds, tests and manages prototype designs.
- Performs mechanical testing / qualifications on parts and materials.
- Inspects first article samples for conformity to drawings.
- Develops redesigns to realize cost savings.
- Develops new production processes, procedures and instructions when needed.

- Researches new manufacturing technologies and materials and utilizes in new design ideas.
- Manages and utilizes project management software.
- Meets and communicates with vendors and suppliers as needed.

The background you'll need:

- Bachelor's of Science degree in Mechanical Engineering.
- Minimum 5 years of design experience in manufacturing setting is preferred.
- Advanced skills with related design software tools such as SolidWorks
- Working knowledge of tool designs, molding casting, especially for specific part designs.
- Working knowledge of Microsoft Office applications, use of intranet / internet, and related software.
 - Willingness to travel domestically and internationally as required

NETZSCH offers a competitive salary and benefits package including medical, dental and 401k plan. Interested candidates should e-mail their resume and cover letter with desired salary range for immediate consideration to: nibhr@netsch.com with the reference **NIBMECH**
