



Massachusetts Materials Technologies LLC

8 Erie Drive, Unit A
Natick, MA 01760
617-502-5636
ByMMT.com

Title: Entry Level Mechanical Design Engineer

Purpose: Support R&D for innovative materials testing instruments

Company Introduction:

Massachusetts Materials Technologies (MMT, <http://www.bymmt.com/>) is emerging as an innovative company completing the commercialization of mechanical test instruments. Our mission is to develop innovative, nondestructive testing (NDT) technologies that will provide customers with accurate and reliable information about the structural integrity, material strength, and toughness of their assets.

Position Description:

MMT is seeking an entry level mechanical design engineer to join their talented team committed to developing new commercial nondestructive material testing instruments. The Engineer will be partially responsible for supporting research and development of existing portable mechanical test instruments, as well as assisting hardware manufacturing and technical support. They will also travel to test sites to provide testing services with MMT equipment which will require travel up to 8 weeks per year. Candidates who enjoy prototyping, troubleshooting, and taking problems from initial concept to final packaged solution are encouraged to apply.

Skills Required:

- B.S. in Mechanical Engineering
- Technical skills and knowledge of mechanical engineering including machine design
- Strong SolidWorks proficiency
- Experience setting up data acquisition and control systems for sensors and instrumentation
- Comfortable working with simple electronic circuits
- Able to lift 50 pounds

Responsibilities Include:

- Mechanical product design, material selection, CAD design and product drawings
- Experimentation design for new component evaluation, data collection, and reporting
- Managing small design and testing projects ensuring on-time and on-budget deliverables
- Managing and coordinating product manufacturing, testing schedules, and vendors
- Managing and conducting assembly and testing of new products
- Supporting existing products and troubleshooting
- Occasional participation in engineering conferences
- Field testing using MMT instruments
- Ability to travel up to 8 weeks out of the year for field work

Benefits of working within our group include:

MMT offers a competitive compensation package including 401k, health insurance, paid vacations, laptop, cell phone reimbursement, and the opportunity to work with cutting edge technology in a collaborative work environment.

Contact info:

Please send cover letter, resume, and references to careers@bymmt.com