



MECHANOLOGY INC

Project Manager

Company: Mechanology Inc.
Location: Attleboro, MA
Job Category: Research and Development
Status: Full Time, Employee
Relevant Work Experience: 8+ to 15 Years
Education Level: Bachelor's/Master's Degree

Job Summary:

A small, rapidly growing, technology company is looking for an experienced engineering Project Manager. The primary responsibility will be to lead the development of systems focused in the area of power recovery.

Primary Job Responsibilities:

- Leverage previous success leading new product development teams to manage system development projects from concept to production.
- Research system design alternatives focused on renewable energy and power recovery and model these system alternatives to predict performance.
- Develop and implement creative and innovative solutions to technical issues that improve efficiency and reliability, and reduce cost.
- Prepare documentation for, and work with, the in-house machine shop personnel, suppliers and engineering lab to construct prototype systems and sub-systems to be used for design verification.
- Prepare test plans and acceptance criteria to study and verify the system's capabilities. Summarize and evaluate the results to identify areas for improvement and incorporate and evaluate these changes.
- As appropriate, work with individuals in manufacturing, marketing, sales, and other corporate functions to maintain a coordinated effort.
- Assist business development in reviewing specifications for new applications and prepare technical proposals.
- Conduct design reviews at appropriate points in the development process.
- Review product specifications and prepare design requirements describing the design that will meet those specifications.
- Prepare project plans that balance resource, cost, risk, and time to market, and manage and track the project against those plans, modifying them as necessary to respond to changes.

Requirements:

- Minimum of a bachelor's degree in mechanical engineering from an accredited university, a master's degree is preferred but not required.
- A desire to work in a hands-on environment with a strong working knowledge of mechanical equipment and system design.
- A minimum of 8 years experience working in a research and development and/or new product development environment.
- Proven track record of leading successful product development teams.
- Strong theoretical knowledge of fluids, thermodynamics, and heat transfer with the ability to develop predictive models using this knowledge.
- Experience developing or applying steam turbines, diesel and/or gas engines, generators, and/or generator sets.

- Experience with issues surrounding R&D, design for manufacturability, documentation and GD&T, quality, field testing, and reliability.
- Excellent oral and written communication and reporting skills.
- Computer skills including familiarity with Word, Excel, MS Project, PowerPoint and similar programs.

Preferred:

- 3D CAD experience –SolidWorks experience is preferred.
- Experience managing government funded projects.
- Experience developing system models using Matlab/Simulink.
- Background working as a key contributor and team member in a small, emerging organization.
- Experience with Design of Experiments and statistics.

Reports to: Engineering Manager

The Company:

Mechanology Inc. is an R&D company focused on developing new types of equipment based on its proprietary and patented technology. For an overview, go to our web site at www.mechanology.com.

Our subsidiary company, General Compression, intends to use our compressor technology in the wind power generation space. Your work will contribute to the development of this project. Please visit www.generalcompression.com to learn more.

Mechanology Inc. is located in Attleboro, MA. We offer a casual, creative, and fast-paced work environment, competitive salary with stock options, 100% company paid health insurance and a position in a company for which growth is expected to be substantial.