

Mechanical Engineer

Opportunity: We value Leadership, Quality and Innovation characteristics at Coldwater Machine Company. Coldwater Machine is consistently looking to enhance our team by adding qualified, skilled individuals with the desire to join our growing organization. We offer diverse opportunities for individual development and have a strong reputation for quality.

Basic Functions: We are seeking skilled applicants for Mechanical Engineer positions to help us maintain the momentum of our growth in this current dynamic marketplace. Coldwater Machine Company, LLC has an International presence with our primary concentration on the North American market.

Principle Responsibilities:

- Develop new Equipment designs using current company software such as Autodesk Inventor, SolidWorks, Unigraphics NX, spreadsheets, databases, word processing, etc.
- Develop mechanical solutions from concept through build and installation.
- Analyze and evaluate designs for robustness and cost effectiveness.
- Communicate with customers, vendors and fellow employees to successfully complete projects.
- Use basic engineering concepts and principles, along with company, commercial, and government standards to provide technical verification for new or modified designs.
- Read and interpret prints, technical drawings, schematics, etc.
- Establish test plans to validate new or modified designs, and prepare and evaluate technical reports upon completion of tests, resolve systems malfunctions.
- Research and analyze customer design proposal, specifications, manuals and other data to evaluate the feasibility, cost, and maintenance requirements of designs or applications.
- Develop and test models of alternate designs and processing methods, develop, coordinate and monitor all aspect of manufacturing methods, fabrication, and operation of design.
- Host design reviews internal and external with customers, management, engineering, and shop employees.

Minimum Qualifications:

- Bachelor's degree in Mechanical Engineering, or Principal Engineering degree
- Two - five years' experience (including co-op experience).
- Complete PC capabilities, using MS office programs and others as required, and ability to develop computer programs or spreadsheets for specific analyses.
- Experience with CAD Drafting/3-D Solid Modeling/GD&T required
- Ability to develop (new) conceptual layout of product design. Analysis of product performance factors.
- ISO 9001 experience helpful, but not required
- Project Management experience is a plus

Behavioral Traits:

- Strong analytical problem solver with ability to process complex information
- Highly self-motivated and driven
- Strategic, dependable, and organized
- Active listener with ability to give attention to multiple information being processed
- Communicate both verbally and in writing
- Innovative and ability to think creatively to implement process improvement
- Strong time management skills
- Focus on completing projects on time and within budget
- Forward thinking attitude and the continual need to refine and polish work, by seeking to exceed customer and Company's expectations
- Willingness to learn new skills