

Job Description

Mechanical or Manufacturing Engineer (PEng)

Precision Machinery has been serving the lumber manufacturing industry for over 12 years. If you are looking for a solid career with an industry leader, then join our team today!

The Position

In this design-heavy role (25-50% design, balance department management) the successful candidate will be responsible for managing our mechanical design department and providing solutions for the wood products industry.

Additional functions may include providing applications expertise to the sales team, liaising with internal engineering personnel and subcontractors, as well as involvement in site testing and commissioning. The candidate will be a Mechanical or Manufacturing Engineer (P.Eng.) with several years of practical experience relating to the wood products industry and a strong understanding of industrial plant processes and equipment. Experience overseeing projects which include process automation systems would be an asset.

Requirements

Candidate's duties may include but will not be limited to the following:

- Read and interpret blueprints, technical drawings, schematics, and computer-generated reports.
- Confer with engineers and other personnel to provide technical information and effective design ideas.
- Research and analyze customer design proposals, specifications, manuals, and other data to evaluate the feasibility, cost, and maintenance requirements of designs or applications.
- Specify system components or direct modification of products to ensure conformance with engineering design and performance specifications.
- Research, design, evaluate, and co-ordinate the installation, operation, and maintenance of mechanical products, equipment, systems and processes to meet requirements, applying knowledge of engineering principles.
- Investigate equipment failures and difficulties to diagnose faulty operation, and to make recommendations to clients.
- Assist designers in developing the mechanical design of products, using computer-aided design software.
- Provide feedback to design engineers on customer problems and needs.
- Estimate costs and submit bids for engineering, construction, or extraction projects, and prepare contract documents.
- Understand the industrial process to determine where and how application of equipment can be made.
- Travel to and from customer sites across North America is required averaging 7 days every two months and typically on weekends. As such a valid passport and vaccine record are required in order to travel.
- Our Design Manager will lead department automation and continuous improvement projects and must be able to balance the requirements and needs of both production and those of staff development for their 2-4 direct reports.
- Candidate will be responsible for assigning duties in the department as well as conducting performance reviews and hiring/termination. A demonstrated ability to manage project scopes, timelines, and budgets coupled with overcoming conflicting and changing priorities is a must.
- Experience holding staff accountable, ensuring that procedures are being followed, and reviewing + approving their work is required.
- Our Design manager will also be responsible for streamlining, developing, and establishing processes which reduce/eliminate errors and decrease project turnaround times.

Qualifications:

- Engineering degree in the relevant discipline of either Mechanical or Manufacturing Engineering
- Eligible for or registered as a professional engineer with the Association of Professional Engineers and Geoscientists of B.C.
- A minimum of six years experience in the relevant engineering field.
- Advanced CAD skills
- Good mechanical aptitude and knowledge
- Works precisely and pays close attention to details
- Ability to work with other engineers and technical support staff Ability to analyze, interpret and evaluate various complex technical studies and data
- Ability to define and develop criteria and cost estimates for plant modifications and/or other major projects
- Excellent problem-solving skills
- Ability to communicate effectively with various internal and external sources for the purposes of gathering and relaying information, resolving issues of concern, etc.
- Wages will be negotiable depending on experience, this position pays in the range of \$100,000 per year not including benefits or retirement savings plans
- Must be able to communicate fluently in English
- Must be legally eligible to work in Canada prior to applying for the position

Job Types: Full-time, Permanent

Salary: \$80,000.00-\$100,000.00 per year