

# Job Posting

**POSITION:** Intermediate Mechanical Design Engineer - Berminghammer

**DEPARTMENT:** Engineering

**REPORTS TO:** Engineering Manager

Berminghammer Foundation Equipment (“Berminghammer”), a division of Soletanche Bachy Canada (“SB Canada”) is a world leader in specialized deep foundation construction equipment. Our Engineers and Designers work with customers to develop solutions to their unique job challenges. These solutions are brought to life using the latest 3D design software and manufactured in house in our 50,000 sq.-ft manufacturing plant in Hamilton, ON.

We are currently seeking an Intermediate Mechanical Design Engineer to join the Engineering Department.

## **POSITION SUMMARY:**

- Reporting to the Engineering Manager this position is responsible for design the lead systems structure and mechanical components using SolidWorks 3D modeling software.
- As a member of the engineering team this position will be the primary contact for the assigned projects with suppliers, customers and all internal functional areas.
- Work closely with sales and manufacturing teams to ensure the design is meeting the customer requirements.

## **RESPONSIBILITIES:**

### *Product*

- Design mechanical systems for pile driving or drilling leads and create production drawings utilizing 2D (AutoCAD) and 3D (SolidWorks) CAD systems.
- Prepare and maintain engineering changes and product operations manuals.
- Perform/supervise equipment testing to ensure performance expectations are validated.
- Accountable for ensuring that the scope, function, budget, cost, schedule and shipping target for the assigned projects are achieved.
- Responsible for advising the Engineering Manager when there is concern that these targets are at risk.
- Carry out assignments of considerable variety requiring a sound understanding of Mechanical Engineering principles and practices.

### *Strategy*

- Execution of engineering goals and objectives as set by the Engineering Manager.
- Provides input to the development of product strategy and long-range product development plans.
- Coordinates with Engineering Manager to ensure all engineering objectives are in alignment.
- Establishes and implements controls engineering standards consistent with Berminghammer objectives.
- Interfaces with all Berminghammer functional areas to ensure accurate interpretation of all Design concepts and drawings.

### *Team*

- Sales support.
- Service support.
- Quality Assurance support.

- Production support.
- Other engineering project support as required.

*Financial*

- Propose and lead cost improvement opportunities.

**QUALIFICATIONS:**

Education:

- Engineering degree from a recognized University / College.
- Licenced Professional Engineer in Ontario or eligible is an asset.

Experience:

- 5-10 years in heavy equipment design and manufacturing experience.
- Design and detail mechanical components using SolidWorks.
- Heavy structural mechanical System concept and design experience.
- Proven experience with FEA, GD&T, welding and machining principals.
- Able to perform and document mechanical design calculations.
- Working knowledge of North American and European Safety Codes.

Specific Skill, Ability and Knowledge:

- Demonstrates professional communication skills in dealing with customers and suppliers.
- Interacts with Sales, Service, Purchasing and Manufacturing personnel in a professional, mature fashion.
- Travels to customer's sites as required (5 %– 10%).
- Experience in AutoCAD and SolidWorks (Part, assembly and drawings).
- MS Word, Excel, PowerPoint and Outlook.

By joining our team, you will become part of a growing team and have opportunities to build strong relationships with industry leaders from around the world. A competitive benefits package is just another reason why Birminghammer is a great place to work.

If you are interested in this exciting opportunity, please email your resume to [careers@berminghammer.com](mailto:careers@berminghammer.com)

Only candidates being considered for this position will be contacted. SB Canada is an equal opportunity employer.