

Berminghammer Foundation Equipment

Job Title: Manufacturing Engineer / Technologist

We seek an experienced Manufacturing Engineer to join our team and contribute to our continued success. As a Manufacturing Engineer at Berminghammer, you will be responsible for efficiently producing heavy steel structures and large-scale assemblies. Your expertise in welding, machining, and large structure assembly will be essential to the success of our manufacturing processes. In addition to technical proficiency, you will be responsible for promoting a safe work environment by implementing proper tools and methods.

As a Manufacturing Engineering team member, it is essential to work effectively in a fast-paced, constantly evolving, low-volume custom manufacturing setting. Additionally, this responsibility entails adapting to changing circumstances, troubleshooting technical issues, and devising innovative solutions to streamline manufacturing processes while maintaining high-quality standards.

Key Responsibilities:

- Champion a safety culture within the factory by introducing and implementing best practices, safety tools, and training programs. Identify potential hazards and develop solutions to mitigate risks.
- Utilize your extensive knowledge of welding techniques, machining processes, and large structure assembly to optimize production methods and ensure the highest quality standards are met.
- Continuously assess and improve manufacturing processes to enhance efficiency, reduce waste, and minimize production costs.
- Collaborate with the quality control team to develop and maintain quality standards and inspection procedures to guarantee the production of high-quality products.
- Work closely with cross-functional teams, including production, design engineering, and maintenance, to resolve manufacturing issues and optimize processes.
- Create and maintain detailed documentation of manufacturing processes, including work instructions, equipment setups, and process specifications.
- Conduct cost analyses to identify cost reduction and process optimization areas while maintaining safety and product quality.

Qualifications:

- University or College degree in engineering, preferably in mechanical, industrial, or manufacturing engineering.
- Commitment to safety and a proven track record of promoting a safe work environment.
- Minimum of five years of experience in heavy steel structure welding, machining, and large structure assembly.
- Strong knowledge of welding standards and techniques.

- Experience with ERP/MRP systems is essential. Experience with Visual Manufacturing is an asset.
- Strong technical knowledge of manufacturing processes is essential.
- Excellent leadership, communication, and problem-solving skills.
- Ability to work collaboratively with cross-functional teams and prioritize multiple projects in a fast-paced environment.
- Application of Lean Manufacturing principles and knowledge of Six Sigma methodologies is essential. A Six Sigma green belt or higher is an asset.
- Strong problem-solving and analytical skills.

If you are a dedicated Manufacturing Engineer passionate about safety and innovation, we encourage you to apply for this position. Our company offers competitive compensation, benefits packages, and professional growth and development opportunities.

#### Company Profile:

Birmingham Foundation Equipment, established in 1897 by William Birmingham, has been a leading player in the development of Canada's infrastructure for over a century. Soletanche Bachy later acquired the company, which three generations of the Birmingham family had run. Birmingham has a long history of innovation and was instrumental in introducing the first diesel impact hammer to North America in the early 1950s and expanding its line of foundation specialty equipment in the late 1960s. Today, Birmingham is synonymous with cutting-edge technology worldwide, and we specialize in designing and constructing custom equipment for the deep foundation construction market. We work with top contractors on exciting projects worldwide, offering a comprehensive product line that includes crane-mounted lead systems, reverse circulation rock drills, and diesel pile-driving hammers. Please apply by emailing [careers@berminghammer.com](mailto:careers@berminghammer.com). As an equal-opportunity employer, we appreciate your interest but will only contact applicants selected for an interview.

#### Job Types:

Full-time, Permanent.