

Position: Hydraulics Designer

Job Type: Permanent, Full Time

Location: This position will be based in our Hamilton, Ontario office. This position will be in-person.

Pay Range: \$58,000-\$65,000

Reports to: Engineering Manager

WHY JOIN US

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-drilling systems, and diesel pile-driving hammers.

We are currently seeking a talented and experienced **Hydraulics Designer** to join our team. As a hydraulics designer, you will design, test, and implement hydraulic systems for various applications. The successful candidate will understand hydraulics systems and support our Hydraulics Specialist. You will work closely with other engineers, designers, project managers, and technicians to ensure the successful completion of projects.

Key Responsibilities of the Role

- Design and develop hydraulic systems for various applications.
- Analyze and troubleshoot existing hydraulic systems and recommend improvements.
- Collaborate with other engineers and designers to ensure designs meet project requirements.
- Develop and maintain technical documentation, including technical drawings, system specifications, schematics, bills of materials, and user manuals.
- Provide technical support to manufacturing and maintenance teams.
- Collaborate with cross-functional teams to develop project specifications and requirements.
- Develop and maintain project schedules and budgets.
- Ensure compliance with industry regulations and safety standards.
- Conduct testing and performance evaluations of hydraulic systems to ensure performance and reliability.
- Collaborate with other engineers, designers and external departments to ensure project success.
- Stay current with the latest trends and technologies in hydraulics engineering.
- Stay updated with industry trends and advancements to ensure innovative and efficient designs.
- Willingness to travel (up to 10% of year)

NOTE: This job description is not intended to be all-inclusive. Employee may perform other related duties as required to meet the ongoing needs of the organization.

Qualifications – What Will Make You Successful

- University degree or college diploma in Mechanical Engineering or similar program.
- Minimum of 3 years of experience designing, implementing, and analyzing hydraulic systems.
- Strong knowledge of hydraulic components, systems, and applications
- Proficient in AutoCAD, SolidWorks, or other 3D design software.
- Understanding of hydraulic control systems programming such as Parker IQAN or similar programming software is considered an asset.
- Experience with 24V DC electrical systems and troubleshooting is an asset.
- Familiarity with relevant industry standards and regulations.
- Excellent analytical and problem-solving skills and attention to detail.
- Strong communication and interpersonal skills.

If you are passionate about designing and developing cutting-edge hydraulic systems and equipment and thrive in a fast-paced collaborative environment, we encourage you to apply for this exciting opportunity. We offer a competitive salary, a comprehensive benefits package, and career growth and development opportunities.

*Only candidates being considered for this position will be contacted. SB Canada is an equal opportunity employer committed to diversity and inclusion. If you are selected to participate in the recruitment process, please inform Human Resources of any accommodations you may require. Our team will directly work with you to ensure you are fully able to participate in the process.

*This posting is for an active vacancy we are currently hiring for.