Position: **Mechanical Engineer**

Status: Permanent full-time position

Number of Vacancies: 1 (new position)

Schedule: 40 hours/week, 4 days/week, Monday to Thursday

Wage: $80,000 - $100,000 (variable based on experience), weekly pay (every Thursday)

Start Date: Immediately (Flexible date)

Location: Vars, Ontario, 15 minutes East from downtown Ottawa- Gatineau

This is our Company:
For over 40 years, Beau-Roc Inc. has been a world leader in the manufacturing of custom steel and stainless steel dump bodies in North America, producing state-of-the-art designs since our foundation in 1984. Our company is as much about the quality of our employees who are part of our team as it is about the quality of our products: from design to manufacturing to marketing of our vast selection of custom dump body models to suit all fleets and applications that are distributed through our network of partners in Canada, the United States.

This is our Game and We do it well!

Our production team is looking for a **Mechanical Engineer.**

Position Summary:

Reporting to the Engineering Director, the successful candidate is responsible for the technical design and validation of products, tooling, and mechanical manufacturing solutions. They lead technical development projects and engineering changes, taking into account safety, quality, and manufacturability. They work with the engineering team to implement reliable solutions that meet the needs of the production facility.

<u>Key Responsibilities</u>

- Design and develop dump bodies, components, and welded assemblies to meet customer requirements and company objectives.
- Modify parametric models and drawings to meet specified dimensions. Develop, revise, and approve design models and drawings within their scope of responsibility, and establish the technical requirements for production drawings.
- Analyze special requests from the sales team and customers, assess their technical feasibility, and propose the necessary product modifications.

- Lead product engineering changes; assess their impact on components, interfaces, manufacturing processes, and documentation, and authorize their technical release.
- Lead design-for-manufacturing and design-for-assembly reviews to simplify parts, welds, bending operations, and assemblies.
- Define and validate the technical requirements for new processes and non-standard methods in collaboration with the technologist and production teams.
- Design or specify tooling, jigs, and mechanical equipment; establish technical requirements and review solutions proposed by suppliers.
- Oversee the mechanical aspects of automation projects and coordinate interfaces with specialists in electrical systems, controls, and machine safety.
- Define test protocols and acceptance criteria for products and equipment; analyze results and determine whether they meet technical requirements.
- Resolve complex manufacturing or quality issues requiring design analysis; identify root causes and implement engineering corrections.
- Support the commissioning of new equipment and provide the Technologist with the standards and technical guidance needed to prepare production independently.
- Perform or coordinate calculations, strength analyses, sizing, and the selection of materials and components; document design assumptions and criteria.

Profile Required

Strong technical judgment, analytical skills, and the ability to document decisions. A practical approach to design, with careful consideration of manufacturing constraints. Ability to solve problems, coordinate stakeholders, and communicate clear standards.

The successful candidate works alongside relevant teams and adheres to quality, health, and safety requirements in all aspects of their work.

Qualifications and Skills

- Bachelor's degree in Mechanical Engineering or an equivalent recognized university qualification.
- **At least 3 years of relevant experience** in product or equipment design within a manufacturing environment; experience with sheet metal fabrication and welded structures is a strong asset.
- Proficiency in 3D design software, ideally Autodesk Inventor, and a solid understanding of technical drawing, dimensioning and tolerancing, and revision control.
- Skills in mechanical calculations, material selection, and technical validation; knowledge of cutting, bending, and welding processes is an asset.

- Capacity to manage technical projects and collaborate with suppliers and specialists from other disciplines.
- Ability to communicate in both French and English with internal teams, customers, and suppliers.

Why work at Beau-Roc Inc.? ***Here are some of our perks:***

- To have a four (4) day work schedule, during the day and all your weekends off!
- Industrial Park located only 15 minutes East from downtown Ottawa-Gatineau
- Complete group benefits program, Matched RRSP, bonus system, free on-site parking and more!
- Join a dynamic and professional team that works hard while having fun!
- A work environment that allows people to grow and that promotes the development of its employees;
- Exceptional operational know-how in a safe and friendly working environment;
- Inspiring challenges and a vision for long-term, stable career development.

How to apply:

Candidates interested in joining our team should send their curriculum vitae (Resume) **today** along with a cover letter to our Human Resources team directly on this job posting at hr@beauroc.com

Position: Mechanical Engineer – Beau-Roc Inc. - #20261103

Please visit our website at **www.beauroc.com** to learn more about our company.