



STRUCTURAL ENGINEER

Location: 120 Terracon Place, Winnipeg MB

At Tria Consulting Ltd., we specialize in structural and precast design and engineering. From concept to completion, by combining technical expertise with innovative solutions we strive to create structures that exceed our clients' expectations.

Our team of engineers, designers, drafters, and business development personnel are committed to providing the right solution to meet the unique needs of each client. Whether it's designing structural systems, custom precast, or offering specialized engineering services, we leverage our expertise and innovation to deliver superior results.

Tria Consulting Ltd. services general contractors, design-build contractors, developers, architects, engineers, and homeowners offering a wide variety of commercial, residential, agricultural, manufacturing, and industrial building services.

Tria Consulting Ltd. is actively seeking to hire a Structural Engineer to join our Engineering Division. As a Structural Engineer, you will be responsible for designing, analyzing, and ensuring the safety of various structures.

Responsibilities

- Design and analyze of structural elements:

Implement structural analysis and design for various projects using software tools and manual calculations.

Proficient use of building code, regulations, and standards.

Design for commercial, residential, manufacturing, and agricultural structures.

Design utilizing various structural elements including steel, concrete, wood and precast.

- Collaboration with project teams:

Working closely with architects, structural engineers, contractors, and other stakeholders to ensure project requirements, project design and construction requirements are met.

- Preparation of construction documents

Prepare detailed structural drawings and specifications.

Collaborate with drafting personnel.

Review and approve structural drawings and documents.



- Construction site coordination:

- Conduct site visits and inspections to assess structural conditions.
- Provide recommendations/remedial actions as necessary.
- Provide site reports and documentation.

- Innovation and research:

- Staying current with new technologies and techniques in structural engineering/construction and exploring ways to improve efficiency, sustainability, and cost-effectiveness.

Requirements

- Bachelor's degree in Civil Engineering.
- Professional Engineer (P.Eng) registered with Engineers Geoscientists Manitoba.
- 3+ years of experience in structural engineering, experience in precast concrete design would be considered an asset.
- Strong knowledge of relevant codes and standards.
- Proficiency in structural analysis software.
- Experience with drafting software (AutoCAD, Revit, etc.)
- Knowledge with typical construction practices.
- Strong communication and teamwork skills

Qualifications

- Strong attention to detail and accuracy.
- Effective problem solving skills.
- Excellent communication and teamwork skills.
- Ability to work in a fast-paced environment and manage multiple tasks effectively.
- Valid Manitoba drivers license.

At Tria Consulting Ltd. we can provide you with experience in a dynamic and collaborative work environment. As a structural engineer you play a crucial role in ensuring the safety, durability, and functionality of structures that are essential to our economy.

We offer competitive compensation, health benefits, vacation time, and professional development opportunities. The salary for the position will reflect the experience and qualifications of the candidate.

APPLY TO:

Email: info@triaconsulting.ca