

Senior Structural Engineer- Job Description

Company Overview

Kerkhoff Engineering Ltd. has been providing structural consulting services on projects since 2004. With over 20 years of experience, we specialize in complete precast concrete building systems and collaborate closely with our clients across Western Canada. Our diverse team delivers comprehensive design solutions from preliminary 3D renderings and BIM modeling to complete structural steel and precast panel design. As the precast industry continues to grow, we seek passionate professionals who are eager to grow with us and contribute to our shared success.

Position Summary

The Senior Structural Engineer is expected to lead and participate in all stages of the design and construction process, taking responsibility for analyzing, designing, and overseeing the construction of various structures. ensuring they meet all safety and performance standards. These are primarily large commercial and industrial shops comprising of precast concrete wall panels, steel roof, and interior structures. The ideal candidate is a technically skilled, client focused professional who thrives in a collaborative team environment.

This is an exciting opportunity for a result-driven professional who values innovation, collaboration, and high standards of design excellence.

Educational and Professional Requirements:

- BaSc in Civil Engineering at a Canadian Accredited University with a focus on structural electives
- Active membership with EGBC or APEGA as a registered P.Eng.
- Proof of ongoing professional development courses similar to SEABC course offerings
- Strong understanding of Part 4 of the BC Building code
- Familiarity with current steel, wood, concrete design codes
- Experience in precast concrete design and steel structures is an asset
- Proficient in Revit and structural analysis tools
- Excellent written and verbal communication

Personal Requirements:

- Canadian citizen
- Valid BC drivers license and access to a reliable personal vehicle
- Strong ability to communicate in English effectively both orally and written
- Strong attention to detail and project constructability

Key Responsibilities:

- Ability to work individually or in a team to complete structural designs on large scale commercial projects
- Provide Bluebeam/pdf drafting mark ups to the drafting department
- Complete shop drawing reviews of structural components of building systems including roof decking, structural steel, roof and floor trusses, door suppliers, etc.
- Perform structural design calculations and peer reviews of design work
- Conduct construction site reviews, field reports, and resolve on-site issues
- Communicate effectively with clients
- Develop detailed drawings and specifications using Revit and structural analysis software
- Collaborate with architects, contractors, and other engineers to ensure accurate project execution
- Ensure compliance with industry standards and local building codes

Rewards and Benefits:

- Competitive salary with annual fixed increases based on experience and performance
- Competitive benefits package
- All professional development is company funded and highly encouraged
- Collaborative and supportive work environment
- Regular team perks and company events

If you are eager to contribute to innovative structural solutions and want to grow your career in a dynamic firm, please submit your resume and a cover letter in person or by email to info@kerkhoffeng.ca. Only short-listed candidates will be contacted.