

Junior Structural Engineer

Company Overview

Since 2004, Kerkhoff Engineering Ltd. has been providing structural consulting services across Western Canada, specializing in complete precast and tilt-up concrete building systems. Our team delivers comprehensive design solutions from preliminary 3D renderings and BIM modeling to complete structural steel and precast panel design. We take pride in providing practical, innovative engineering solutions while fostering a professional, collaborative, and supportive workplace culture.

As the precast industry continues to grow, we are seeking passionate, detail-oriented Junior Structural Engineers who are eager to learn, expand their skills, and grow with our team.

This role is an excellent opportunity for a motivated individual seeking hands-on experience, mentorship, and long-term growth within a collaborative and innovative engineering environment.

Position Summary:

As a Junior Structural Engineer, you will play a key supporting role in all phases of the design and construction process. You will work closely with senior engineers and drafters to help develop and execute structural solutions that meet safety standards, code requirements, and client expectations. You will contribute to the design of large scale commercial projects while gaining valuable experience in structural analysis, project coordination, and field review activities.

Education and Professional Requirements:

- BSc in Civil Engineering at a Canadian Accredited University with a focus on structural engineering
- Registered Structural EIT or P.Eng. with an active membership with EGBC or APEGA
- Commitment to ongoing professional development through courses such as SEABC or equivalent
- Knowledgeable of Part 4 of the BC Building code
- Familiarity with current steel, wood, concrete design codes
- Proficiency in structural analysis and design software such as SAP 2000, Etabs, Woodworks, Forte, Excel, etc.
- Previous experience in precast concrete design and steel structures is an asset
- Previous construction experience is an asset
- Valid BC driver's license and access to a reliable personal vehicle

Skills & Attributes:

- Excellent verbal and written communication skills in English
- Strong attention to detail and commitment to quality
- Practical understanding of project constructability
- Effective communicator with the ability to collaborate within multidisciplinary teams
- Strong problem-solving and organizational skills
- Ability to work both independently and collaboratively within multidisciplinary project teams

Key Responsibilities:

- Provide timely Bluebeam/pdf mark ups for the drafting team
- Complete shop drawing reviews of structural components of building systems including roof decking, structural steel, roof and floor trusses, etc.
- Perform structural design calculations and participate in peer design reviews
- Conduct construction field reviews and documentation.
- Communicate professionally and effectively with clients, including phone and email correspondence
- Assist in the development of detailed drawings and specifications using Revit and structural analysis software
- Ensure compliance with industry standards and local building codes
- Support senior engineers in analyzing structural components and systems to ensure safety, compliance, and efficiency.

Compensation:

- Annual salary of \$60,000 - \$90,000, based on experience and qualifications

Benefits:

We believe our people are our greatest asset and are committed to supporting both professional and personal growth.

Our benefits include:

- Comprehensive extended health and dental benefits
- Company funded professional development opportunities
- Hands-on mentorship and career growth advancement opportunities
- Collaborative team culture with regular office perk, company events, and referral bonuses

Ready to Join Our Team?

If you're looking to build a rewarding career with a respected structural engineering firm that values technical excellence, collaboration, and continuous growth, we'd love to hear from you.

Please submit your resume and cover letter by email to info@kerkhoffeng.ca or deliver your application in person.

We thank all applicants for their interest; however, only those selected for an interview will be contacted.