

Junior 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 and tilt-up 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 develop their careers and contribute to our shared success.

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 Structural EIT or P.Eng.
- Proof of ongoing professional development courses similar to SEABC course offerings
- Knowledgeable of Part 4 of the BC Building code
- Familiarity with current steel, wood, concrete design codes
- Previous experience in precast concrete design and steel structures is an asset
- Proficiency in structural analysis and design software such as SAP 2000, Etabs, Woodworks, Forte, Excel, etc.

Personal requirements:

- Valid BC driver's license and access to a reliable personal vehicle
- Ability to communicate in English effectively both orally and written
- Strong attention to detail and project constructability
- Previous construction experience is an asset

Role Overview:

At Kerkhoff Engineering Ltd., we pride ourselves on delivering high-quality, timely structural designs, and clear consistent communication with our clients. 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. This is an excellent opportunity for a motivated individual seeking hands-on experience, mentorship, and long-term growth within a collaborative and innovative engineering firm.

Key Responsibilities:

- Ability to work individually or in a team to complete structural designs on large scale commercial projects
- Provide timely 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 on projects as well as participate in peer design reviews
- Construction field reviews and documentation.
- Communicate professionally and effectively with clients, including over the phone
- Develop detailed drawings and specifications using Revit and structural analysis software
- Ensure compliance with industry standards and local building codes

Salary Range:

\$60,000 - \$85,000 per year depending on experience

Rewards and Benefits

- Competitive salary with annual fixed increases based on experience and performance
- Competitive extended health benefits package
- All professional development is company funded and highly encouraged
- Regular office perks and company events

If you are interested in joining our growing team and building a rewarding career in structural engineering, please submit your resume and cover letter in person, or by email (info@kerkhoffeng.ca). Only short-listed candidates will be contacted. Thank you.