

Senior Structural Engineer – Team Lead / Manager

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 develop their careers and contribute to our shared success. At Kerkhoff Engineering, our proven systems ensure consistent high-quality that our clients have come to expect, with a satisfaction that will stand the test of time.

Position Summary

We are seeking an experienced and motivated Senior Engineering Team Lead to guide and mentor our talented group of professionals. In this leadership role, you will oversee all phases of structural design and construction, ensuring technical excellence, efficient workflow, and exceptional client satisfaction.

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

Educational and Professional Requirements:

- BaSC in Civil Engineering from a Canadian accredited university with a focus on structural engineering.
- Have an active membership with EGBC or APEGA as a registered P. Eng, and preferably a Structural Eng. designation.
- Minimum 10 years of structural engineering experience, including leadership or project management.
- Proof of annual participation in professional development courses similar to SEABC course offerings.
- Strong knowledge of **Part 4 of the BC Building code**, with an understanding of gravity and lateral design loads.
- Strong knowledge of current steel, wood, concrete design codes.
- Previous experience in precast concrete design and steel structures is an asset.
- Excellent communication, leadership, and collaboration skills.
- Strong attention to detail and project constructability.
- A business degree or demonstrated business management experience is considered an asset.

Personal Requirements:

- Valid BC driver's license and access to a reliable personal vehicle
- Effective English communication skills, both orally and written
- Willingness to travel within Western Canada for short periods of time

Job Description:

Kerkhoff Engineering undertakes projects across British Columbia, Alberta, and Saskatchewan. These are primarily large commercial and industrial warehouses comprising of precast concrete wall panels, steel roof, and pile foundations. You will begin as a Senior Structural Engineer, gaining an in-depth understanding of Kerkhoff Engineering design systems

and standards. In this role you'll prepare efficient and accurate structural design calculations, provide drawing mark ups for the drafting team and conduct independent reviews for the engineering team.

Once you have developed a strong understanding of our design processes, you will transition into the Team Lead/ Engineering Manager role. In this position, you will oversee concept and independent reviews, manage team production, ensure quality assurance, and manage project scheduling. You will also mentor staff and support their training and professional growth while modelling company values, and fostering a strong, collaborative team culture.

Key Responsibilities

Leadership and Team Management:

- Lead and mentor structural engineers and drafters across multiple projects
- Oversee quality control and technical excellence
- Promote a culture of accountability, collaboration, and continuous professional development for the team
- Support management in setting up satellite office in Alberta
- Prepare weekly team schedules

Structural Design and Technical Work:

- Prepare Bluebeam/PDF drafting mark ups
- Review shop drawings for structural components of building systems including roof decking, structural steel, trusses, etc.
- Perform and review calculations using Revit and analysis software
- Conduct field reviews, field reports, and resolve on-site issues
- Develop detailed drawings and specifications in compliance with codes and standards
- Collaborate with architects, contractors, and clients to ensure accurate project execution

Project Management:

- Oversee and contribute to structural design and analysis for precast concrete and steel structures
- Conduct site visits and field reviews ensuring compliance with applicable codes, standards, and client specifications
- Manage project timelines and deliverables

Compensation:

- Starting Salary \$150,000 - \$160,000 depending on experience

Rewards and Benefits:

- Competitive salary with annual fixed performance-based increases
- Comprehensive benefits package
- Professional development is company funded and encouraged
- Collaborative and supportive work environment
- As a senior team lead, a bonus structure will be set in place based on performance goals.

If you are interested in joining our team and are ready to lead with passion and purpose, we'd love to hear from you. Please submit your resume and a cover letter in person or by email to info@kerkhoffeng.ca. Only short-listed candidates will be contacted.