

Structural Engineer

Saskatoon, SK

We are looking for a Structural Engineer to join our team. The Engineer performs analysis and assessment of structural and mechanical systems. They prepare engineering calculations, computational models, and related technical documentation in accordance with company procedures and applicable standards and codes. This includes independently executing a variety of work assignments that require in-depth knowledge, experience, and proficiency in the required subject matter. Engineers provide technical assistance and mentorship to Junior Engineers and Drafting Technologists and receive guidance and feedback from Senior Engineers.

Key Responsibilities:

- Review and understand applicable codes, standards, regulations, and best practices related to project scope
- Review and confirm documents and drawings are clear and accurate and meet scope, codes, standards, regulations, and company formats
- Create, perform, analyze, and interpret calculations and finite element analysis (FEA) models
- Review and provide feedback on calculations, models, and design work created by Junior Engineers and Drafting Technologists
- Prepare engineering documents detailing calculations and computational modelling
- Formulate and document repair recommendations
- Develop and prepare design sketches in the field and in office
- Witness and document on-site testing
- Work with Project Delivery team to define and control scope, schedule, and budget on projects
- Communicate with customers to effectively convey technical information

Required Qualifications:

Education

- A bachelor's degree in mechanical or structural engineering or other relevant engineering degree
- Registered or eligible for registration with APEGS as a Professional Engineer

Experience

- Minimum 5 years of experience in a similar consulting role

Knowledge/Skills/Abilities

- Valid Saskatchewan Class 5 driver's license
- Proficiency in use of computers with knowledge of FEA software and Microsoft Office software
- Superior verbal and written communication skills
- Understanding of project management concepts

Competencies:

- **Personal Accountability:** Being answerable for personal actions
- **Conceptual Thinking:** Analyzing hypothetical situations, patterns, and/or abstract concepts to formulate connections and new insights
- **Decision Making:** Analyzing all aspects of a situation to make consistently sound and timely decisions
- **Interpersonal Skills:** Effectively communicating, building rapport, and relating well to all kinds of people
- **Continuous Learning:** Taking initiative to regularly learn new concepts, technologies, and/or methods
- **Time and Priority Management:** Prioritizing and completing tasks to deliver desired outcomes within allotted time frames
- **Teamwork:** Cooperating with others to meet objectives

About Us:

Kova Engineering Saskatchewan is a diverse and unique engineering and consulting company with over 25 years in the crane and lift equipment industry. We improve customer safety by providing outstanding engineering and inspection services. The key to our success is our employees who are hardworking, professional, and value the safety of their co-workers and our customers. For more information about us, please visit kova.ca.

Our values:

- Safety: we are committed to a diverse and inclusive culture to ensure the safety of our employees and customers
- Integrity: we are uncompromising in our honesty and integrity in everything we do
- Collaboration: we meet and exceed customer expectations through teamwork and collaboration
- Excellence: we achieve excellence by continuously improving all aspects of our business

We offer:

- A competitive wage
- Health and dental benefits
- Life, critical illness, and disability insurance
- Group retirement plan
- Employee assistance program
- Paid professional development

How to apply:

Email your resume and cover letter to hr@kova.ca. Please reference Structural Engineer in the subject line of your email.