



Chief Engineer, Structural (42032)

Location: Saskatoon, SK

About Us

Cameco is one of the largest global providers of the uranium fuel needed to energize a clean-air world. Utilities around the world rely on our nuclear fuel products to generate safe, reliable, emissions-free nuclear power. Cameco's corporate office is based in Saskatoon. We have mining operations and projects in northern Saskatchewan, Kazakhstan, the United States and Australia. We are also a leading supplier of uranium refining, conversion, and fuel manufacturing services from our operations in Ontario.

The Role

We are seeking an experienced and forward-thinking chief structural engineer to provide technical leadership, strategic direction, and oversight to our architectural, civil and structural engineering functions. As a member of the technical services sustaining projects team, reporting to the manager, engineering, you will be the most senior structural engineer at Cameco and will ensure the integrity, safety, and innovation of structural design across all projects. The ideal candidate brings a depth of structural engineering expertise, strong leadership capabilities, and the ability to guide teams through complex engineering challenges. This individual will set engineering standards, mentor a high-performing team, and collaborate across disciplines to deliver high-quality, cost-effective solutions.

In this role, you will:

- Serve as the senior technical authority for all structural and civil engineering activities.
- Establish and maintain engineering standards, practices, and design methodologies.
- Lead long-term planning for structural engineering capabilities, technology, and workforce development.
- Provide expert guidance on complex or high-risk projects.
- Approve and seal structural designs, reports, and calculations as required.
- Ensure compliance with applicable codes, regulations, and industry standards.
- Mentor, coach, and develop civil/structural engineers and designers, including succession planning for key technical roles.

- Champion continuous learning, knowledge sharing, and professional development.
- Work closely with project managers, architects, engineering teams, and external consultants.
- Communicate technical decisions and risks to senior leadership and cross-functional partners.
- Represent the structural and civil disciplines in strategic initiatives and corporate planning.

Required:

- bachelor's degree in structural engineering;
- 10 or more years of progressive structural engineering experience, including leadership of complex brownfield projects related to mining;
- registered professional engineer (P. Eng);
- eligible for registration with the association of professional engineers and geoscientists of Saskatchewan (APEGS) & professional engineers Ontario (PEO);
- demonstrated expertise in structural design, analysis, and code compliance;
- experience leading technical teams with the ability to coach and develop engineers;
- strong communication, decision making, and stakeholder management skills; and
- travel to Cameco's northern Saskatchewan and/or Ontario sites by aircraft as required to support projects.

Recommended:

- master's degree in civil or structural engineering;
- knowledge and familiarity to run structural analysis using STAAD_PRO software as well as performing design calculations with MATHCAD software and/or excel sheets;
- knowledge of applicable codes (NBCC, NFCC, NECB), standards (CSA S16, CSA N393, CSA A23.1, A23.2, A23.3 and A23.4) and regulations (Saskatchewan Mines Regulations);
- knowledge of 3D viewer software such as Navisworks, Jetstream, Point Cloud;
- knowledge of emerging technologies and innovative engineering approaches;
- experience with third party reviews, code compliance reviews and fire hazard assessments;
- understanding of containment requirements; and
- familiarity with radiation shielding requirements.

Conditions of Employment:

- pre-employment substance test; and
- driver's license.

Cameco is proud to offer a competitive total reward package which includes:

- competitive compensation program with base and variable pay;
- flexible health, drug, dental, and vision plan with a health spending and personal spending account;
- fixed benefits including employee and dependant life, AD&D, disability benefits and paid vacation leave;
- employee and family assistance programs;
- RRSP and RPP matching program;
- career development opportunities; and
- relocation costs.

Cameco is an employment equity employer and aims to achieve gender parity, and as such, preference will be given to qualified members of equity groups. We are strengthened by the diverse backgrounds of experiences and encourage applicants with various levels of expertise to apply, as equivalent combination of education and work experience are considered.

This position is eligible for the employee referral bonus.

Req ID #: 42032

Posted: April 7, 2026

Posting end date: April 28, 2026

Salary Range: \$164,000 - \$206,000