



Sr. Engineer, Structural (42225)

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

As a senior member of the technical services team, reporting to the chief structural engineer, you will provide structural engineering expertise and leadership to support Cameco site operations, projects, and other business units. You will play a key role in delivering safe, reliable, and cost-effective solutions across the asset life cycle.

In this role, you will:

- Be responsible for scope development, planning, and cost estimating to support business cases over the asset life cycle.
- Work with structural and architectural designers for CAD work in support of development of 3D models and 2D drawings including all construction details.
- Develop and revise technical specification, work on scope of supply, BOMs, MTOs, CWP's and construction work packages.
- Develop technical memos and/or structural condition assessment reports as required.
- Inspect completed structural projects for compliance with industry codes, specifications, and safety standards.
- Prepare work schedules and allocate resources, as well as supervise junior engineers, technicians, and contractors.
- Be responsible for ensuring that the design work is done in accordance with Cameco's processes, procedures, standards, design criteria, and regulatory requirements.

- Provide strong leadership and work with minimal direction within a multi-discipline team.

Required:

- bachelor's degree in civil or structural engineering;
- seven to 12 years of relevant work experience;
- Professional Engineer (P. Eng.) designation;
- eligible for registration with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS) & Professional Engineers Ontario (PEO); and
- intermittent travel to Cameco's northern Saskatchewan and/or Ontario sites by aircraft.

Recommended:

- previous experience in projects related to mining and milling;
- knowledge of applicable codes (NBCC, NFCC), standards (CSA S16, CSA N393, CSA A23.3 and A23.4) and regulations (SK Mines Regulations);
- knowledge and familiarity to run structural analysis using STAAD_PRO software as well as performing design calculations with MATHCAD software and/or excel sheets; and
- knowledge of 3D viewer software such as Navisworks, Jetstream, Point Cloud.

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 & 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.

You will work a hybrid work schedule with regular weekly presence in the Saskatoon office as well as occasional travel to site. The details of this flex work arrangement will be discussed with you in the recruitment process.

This position is eligible for the employee referral bonus.

Req ID #: 42225

Posted: May 26, 2026

Posting end date: June 16, 2026

Salary Range: \$148,000 - \$185,000

To explore this career opportunity, please visit

<https://career17.sapsf.com/sfcareer/jobreqcareer?jobId=42225&company=Cameco>