



Sr. Engineer, Mechanical (41937)

Location: Saskatoon, SK

About Us

Cameco is one of the largest global providers of the uranium fuel needed to power a secure energy future. 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

The technical services department is a talented team of engineers that work on impactful projects essential to Cameco's success. As a member of the technical services department, you will report to the chief engineer, mechanical, providing mechanical engineering and technical solutions for mining, milling and process controls problems.

In this role, you will:

- Perform various mechanical engineering and design tasks.
- Perform mechanical equipment (static and rotating) sizing, process piping, HVAC system analysis and sizing for capital and expense projects.
- Update and revise technical drawings, datasheets and reports.
- Perform mentoring and coaching of engineers and technologists.
- Be responsible for applying corporate policies, procedures, technical and safety codes/standards, and regulations (federal, provincial, corporate and SHEQ) in your day-to-day work.

Required:

- bachelor's degree in mechanical engineering;
- seven or more years of relevant industry experience;
- eligible for registration with the association of professional engineers and geoscientists of Saskatchewan (APEGS) and professional engineers Ontario (PEO);

- experience in process vessels, atmospheric tanks, pumping, piping (process and power), building services piping, piping stress analysis, and developing technical specifications;
- experience in working with mechanical technologists in developing intelligent 3D process plant/ equipment designs and intelligent P&IDs/ schematics;
- knowledge of atmospheric vessels/tanks (API650/653), boiler and pressure vessel code (BPVC), CSA B51 boiler, pressure vessel, and pressure piping code, ASME B31.1 code, ASME B31.3 code, welding standards, and CSA B149 gas codes;
- solid understanding of MS office software, including proficiency in excel; and
- occasional travel to project sites in northern Saskatchewan and Ontario.

Recommended:

- experience with AutoCAD and/or mechanical analysis software;
- interest or experience in data driven smart 3D modelling, industrial automation, lean principles and value engineering;
- experience working as engineer of record for construction drawings and contracts;
- mentorship experience;
- strong communication, problem-solving, and teamwork skills;
- surface and underground mining experience;
- experience with HVAC systems and process plant automation; and
- experience working with 3D laser scan point cloud data.

Conditions of Employment:

- pre-employment substance test and
- valid 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.

You will have the opportunity to 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 #: 41937

Posted: March 5, 2026

Posting end date: March 31, 2026

Salary Range: \$142,000 - \$177,000

To explore this career opportunity, please visit

<https://career17.sapsf.com/sfcareer/jobreqcareer?jobId=41937&company=Cameco>