



Engineer, Electrical (42044)

Location: Key Lake, SK

About Us

Key Lake, located in northern Saskatchewan, is the world's largest high-grade uranium mill. The uranium milled at Key Lake is used for nuclear fuel products, which utilities around the world rely on to generate safe, reliable, emissions-free nuclear power. Cameco is one of the largest global providers of the uranium fuel needed to power a secure energy future.

The Role

Cameco is looking for an engineering professional to join the Key Lake technical team in supporting surface operations in a mining/milling environment. You will be responsible for maintaining all electrical and instrumentation equipment on site, assisting in safe and reliable production.

In this role, you will:

- Solve complex technical problems using formal techniques to evaluate systems, equipment and failures.
- Maximize equipment availability, reliability and performance through effective problem solving and proactive maintenance practices.
- Develop and refine asset specific strategies to improve equipment health and to prevent or eliminate equipment failure.
- Engage in planning, coordination, and execution of electrical refurbishment work at site.
- Support site capital and expense projects ensuring project deliverables are met in the form of scope, schedule and budget.

Required:

- bachelor's degree in electrical engineering;
- four to eight years maintaining an industrial plant or relevant experience;
- eligible for registration with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS);
- knowledge in various aspects of electrical engineering, including high and medium voltage installations, electrical system modelling (ETAP), detailed design, CSA Canadian Electrical Code (CEC) and CSA Z463; and
- work a rotational schedule and commute to site by aircraft.

Recommended:

- experience in a mining/milling environment;
- licensed Professional Engineer certification (P.Eng.); and
- strong communication, planning, and organizational skills.

Conditions of Employment:

- pre-employment substance test.

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. You could earn \$5,000 (less deductions) by referring the successful candidate.

Req ID #: 42044

Posted: May 5, 2026

Posting end date: May 26, 2026

Salary Range: \$120,000 - \$140,000

Safety Sensitive Site

Preference will be given to Residents of Saskatchewan's North (RSN).

To explore this career opportunity, please visit

<https://career17.sapsf.com/sfcareer/jobreqcareer?jobId=42044&company=Cameco>