



Sr. Metallurgist (42296)

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

Reporting to the Chief Metallurgist, this position relies upon well-developed knowledge of process operations, operational guidelines and control parameters for uranium mining, water treatment, slurry transport, and compliance with the underlying regulatory requirements for these processes.

This is a six-month temporary position.

In this role, you will:

- Provide technical support to process operations, ensuring optimal metallurgical performance of circuits, equipment, and systems.
- Monitor, troubleshoot, and continuously improve plant and process performance across process circuits.
- Initiate and manage metallurgical projects to improve circuit performance, reagent optimization, and cost efficiency.
- Establish, track, and report KPIs; leverage data to drive operational excellence.
- Oversee daily metallurgy activities, ensuring equipment reliability, data quality, and process compliance.
- Drive process control improvements, including automation and advanced control loops.
- Collaborate with operations, maintenance, and project teams to align resources, meet project objectives, and deliver on production goals.
- Promote a culture of safety, continuous improvement, and innovation across the process circuits.

Required:

- bachelor's degree in chemical, metallurgical, or mineral process engineering;
- a minimum of eight years of hands-on experience as a plant metallurgist or similar technical role in mine/process plant operations;
- professional engineering designation (P.Eng), or international membership equivalent;
- a demonstrated commitment to safe work practices, optimal environmental performance, and continuous improvement;
- work a rotational schedule and commute to site by aircraft; and
- eligibility for registration with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS).

Recommended:

- demonstrated success optimizing metallurgical performance through data analysis, reporting, and process evaluation;
- ability to lead metallurgical teams, direct daily activities, and collaborate with operations and maintenance;
- experience developing and implementing process operation strategies, budgets, and improvement plans;
- familiarity with advanced process control systems and loop tuning for process circuits;
- background in automation and control optimization for process circuits;
- practical knowledge of reagent optimization, cost control, and consumables management;
- proficiency with modern data systems (e.g., OSIsoft PI Asset Framework, PI Vision, Power BI, SQL databases);
- advanced computer skills, including MS Office/365;
- prior experience with water treatment operations in mining; and
- proven track record in managing small projects, technical studies, and operational trials.

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

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.

Req ID #: 42296

Posted: July 9, 2026

Posting end date: July 30, 2026

Salary Range: \$148,070 - \$185,090

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=42296&company=Cameco>