



Metallurgist (42106)

Location: McArthur River, SK

About Us

McArthur River, located in northern Saskatchewan, is the world's largest high-grade uranium mine. The uranium produced at McArthur River 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 Manager, operations improvement, 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.

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 and underground operation.

Required:

- bachelor's degree in chemical, metallurgical or mineral process engineering;
- a minimum of three to five years of relevant work experience;
- equivalent combination of education and work experience considered;
- professional Engineering designation (P.Eng), or international membership equivalent;
- proficient and effective communication, analytical and interpersonal skills;

- demonstrate resolute attitude towards safety;
- work a rotational schedule and commute to site by aircraft; and
- you must be eligible for registration with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGGS).

Recommended:

- experience with PI Asset Framework & PI Vision;
- experience in application and tuning of Process Controls, including Advanced Process Controls;
- experience with crushing and grinding circuits;
- proficiency with mass and water balances;
- experience with managing small projects; and
- experience with time series data analysis and interpretation.

Applicants will be considered for a level within the job progression, which is appropriate to their qualifications.

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 is an 18-month temporary position.

Req ID #: 42106

Posted: April 28, 2026

Posting end date: May 19, 2026

Salary Range: \$124,880- \$156,100

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=42106&company=Cameco>