Chief Engineer, Reliability (42720)
Location: ***Saskatoon***

As a key member of Cameco's Reliability department and leadership team, you will lead a team of reliability engineering professionals, providing technical direction and driving continuous improvement in equipment and asset performance. You will oversee reliability engineering practices, support the resolution of complex technical direction and driving continuous improvement in equipment and asset performance. You will oversee reliability engineering practices, support the resolution of complex technical challenges and collaborate across operations to strengthen reliability, manage risk and improve long-term asset performance.

In this role, you will:

- Lead, coach and develop a team of reliability engineers and specialists, including setting priorities, allocating work and managing performance.
- Provide senior technical leadership, review and guidance for complex equipment and system reliability issues across Cameco's operations.
- Work closely with operations, maintenance, engineering, projects and other stakeholders to develop practical solutions that manage risk and improve equipment performance.
- Use equipment performance, maintenance history and other reliability information to identify risks, prioritize improvement opportunities and measure results.
- Provide oversight of reliability activities including asset strategy development and optimization, failure analysis and loss elimination.
- Own and continually improve Cameco's reliability engineering processes, standards, tools and technical practices, and support their effective implementation across operations.
- Lead Cameco's Reliability Engineering Community of Practice and build reliability capability across the company through training and knowledge sharing.

Required:

- bachelor's degree in engineering and a Professional Engineer (P. Eng) designation, or eligibility for registration with APEGS;

- 12 or more years of progressive engineering experience in an asset-intensive industrial environment, with significant experience in reliability or maintenance engineering;

- demonstrated experience leading technical professionals, establishing work priorities and developing people;

- strong practical knowledge of reliability engineering principles and methods, including asset criticality, maintenance strategy development, RCM/FMEA, root cause analysis and PM optimization;

- demonstrated ability to solve complex equipment reliability problems and translate technical analysis into practical improvements;

- experience working across operations, maintenance and engineering functions to implement technical programs and improvements; and

- ability to travel regularly to Cameco operations by aircraft.

Recommended:

- experience developing or managing engineering standards, processes or technical programs;

- experience with SAP Plant Maintenance and asset performance management systems such as Bentley AssetWise APM; and

- reliability or maintenance certification such as MMP or CMRP.

Conditions of Employment:

- pre-employment substance test; and

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.

To explore this career opportunity, please visit
https://career17.sapsf.com/sfcareer/jobreqcareer?jobId=42720&company=Cameco

Deadline for applications is December 08, 2026. Please quote competition number 42720.