

Sr. Engineer, Reliability (40639)

Location: Saskatoon

The Role

Reporting to the manager, reliability engineering, you will play an essential role as a member of the reliability team in supporting Cameco's transition to becoming a high reliability organization. Your responsibilities will include developing and implementing asset maintenance strategies, conducting root cause analyses, creating risk mitigation plans, minimizing asset life cycle costs, and optimizing preventative maintenance processes. You will also support the loss elimination process and ensure the seamless implementation of these strategies into Bentley APM. While this role is a corporate office position, you will be required to travel to site on a regular basis to fulfill operational needs.

In this role, you will:

- Work a hybrid role, with one week remote and one week (Monday-Thursday) at Cameco's Key Lake operation.
- Create and optimize asset strategies to increase equipment availability using reliability methodologies.
- Lead the loss elimination program at Key Lake to identify bad actors and reduce the impact to the operation.
- Perform root cause failure analysis on a range of physical equipment, plans, and processes to determine solutions to repeated or major equipment failures.
- Execute the reliability portion of capital projects by reviewing project designs and equipment selection for concerns related to overall lifetime reliability.
- Develop, with other reliability engineers and process owners, programs and procedures in support of Cameco's journey to industry leading reliability.
- Collaborate with on-site operators, tradespersons, superintendents, managers, and other engineers in the delivery of your work.

Required:

- Bachelor's degree in engineering (mechanical, chemical, or electrical)
- Professional Engineer designation (P. Eng)
- Minimum of seven years of progressive industrial engineering experience with several years focussed on reliability engineering
- Equivalent combination of education and work experience will be considered
- Experience with reliability engineering principles such as RCM, RCA, FMEA, FTA, RBD, CA and LCCA
- Eligible for registration with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS)
- Travel to site every other week by aircraft

Recommended:

- Knowledge of SAP or Bentley AssetWise APM software
- Strong background in RCA, FMEA, RBD, FTA, MTA, RCM, PM, CA, Pd.M. or LCC
- Familiarity with AWB Reliability Modelling Software
- Skilled in Weibull/Crow-AMSAA Analysis, System Modelling or Optimization of Asset Life Cycle decisions
- Continuous improvement certification (Lean Six Sigma Green Belt)
- Effective communication, collaboration, coaching/mentoring and interpersonal skills
- Excellent time management, analytical and technical writing skills

- Proficiency with Microsoft Office

Conditions of 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 & Family Assistance Programs
- RRSP and RPP matching program
- Career development opportunities
- 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.

To explore this career opportunity, please visit

<https://career17.sapsf.com/sfcareer/jobreqcareer?jobId=40639&company=Cameco>

Deadline for applications is January 7, 2025. Please quote competition number 40639.