Sr. Engineer, Instrumentation & Controls (42721)
Location: ***Saskatoon***

The Role

The technical services department is a talented team of engineers that work on impactful projects essential to Cameco's success. As a member of the technical services department, you will report to the chief engineer, electrical and instrumentation, and have the unique opportunity to design specialized instrumentation and control systems that are key to Cameco's future success. This position will require you to be a strong individual contributor while also working collaboratively with your team.

In this role, you will:

- Support the instrumentation discipline design lead on multi-discipline project teams.
- Perform instrument selections for Cameco's uranium operations.
- Prepare engineering drawings and documents such as the instrument index, control philosophy, P&IDs, instrument data sheets, instrument location plans, loop drawings, cable schedules, PLC and other panel drawings as required.
- Produce and evaluate bid documents for materials and contracts, completing vendor shop drawings reviews and assisting with preparing material costs and timing estimates.

Required:

- bachelor's degree in electrical engineering, computer engineering or chemical engineering;
- ten or more years of progressive experience in the field of instrumentation and controls design for process or mining operations;
- Professional Engineer (P. Eng) designation or Engineering Licensee with the Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS);
- site experience and heavy industrial exposure particularly with field instrument selection;
- experience with industrial control system networks and networking components;
- experience with designing for DeltaV DCS, Foxboro DCS and Schneider M340/M580 PLCs; and
- occasionally travel to project sites in Northern Saskatchewan and Ontario.
- work a rotational schedule and commute to site by aircraft.

Recommended:

- current registration with Professional Engineers Ontario (PEO);
- surface and underground mining experience; and
- excellent communication skills, strong problem-solving skills, and ability to prioritize work.

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=42721&company=Cameco

Deadline for applications is December 08, 2026. Please quote competition number 42721.