

Employment Opportunity

Orano Canada

Electrical Engineer – SABRE (Saskatoon)

In this role, you'll help support safe and efficient mining operations through engineering expertise, collaboration, and innovation. Working alongside a talented multidisciplinary team, you'll deliver electrical and instrumentation solutions that make a lasting impact.

At Orano Canada, you are part of the global clean energy transition. Our uranium fuels safe, low-carbon nuclear power, supporting climate goals with a strong commitment to safety, sustainability, and community. Working at Orano means you'll be doing work that matters.

Dare to do something different.

Dare to Take Action. Contribute to clean energy while gaining full lifecycle experience on world-class Saskatchewan uranium projects—backed by Orano Group's global expertise.

Dare to Care. Safety isn't just a priority, it's who we are. We put our people first. No compromise, we aim for the highest standards.

Dare to Invest. We're investing in the future of Saskatchewan and we create careers that matter. Invest in your future.

Dare to Belong. Here, your contributions matter. Enjoy the security of a global leader with the close-knit feel of a Canadian team.

Dare to Innovate. Join experts driving innovation in processing, tailings, and environmental performance. We need bold thinkers to guide the way.

What you'll accomplish:

Provide electrical and instrumentation leadership for all engineering modifications and change controls for the SABRE mining system:

- Manage the Management of Change (MOC) process for electrical systems and equipment, ensuring modifications, upgrades, and replacements are documented, risk-assessed, approved, and coordinated with Engineering & Projects prior to implementation
- Develop, supervise, and review the Electrical Engineering Control Plan (EECP) to align with statutory mining regulations and safety standards
- Maintain and control accurate electrical engineering documentation including plant schematics, Single Line Diagrams (SLDs), Programmable Logic Controller (PLC) logic, design criteria, technical specifications, and as-built drawings
- Collaborate with mechanical, planning, maintenance, and other teams to implement electrical changes with minimal impact on production
- Participate in technical bid evaluations for new electrical equipment, oversee vendor changes, and manage project budgets and scope variations
- Conduct hazard analyses (e.g., FMEA) to assess risks associated with changes and new technologies

Provide electrical engineering and instrumentation support for mining operations:



- Develop safe, constructable, reliable, maintainable and fit-for-purpose designs
- Support large multidisciplinary projects from concept to detailed design, construction, and commissioning
- Communicate project and design risks related to safety, cost, schedule to leadership
- Support capital and sustaining projects
- Perform conceptual and detailed engineering design activities for existing and new Uranium Mining facilities

Other responsibilities:

- Provide technical guidance on electrical design, systems, and troubleshooting
- Identify areas for improvement, enhancements or optimizations of existing electrical equipment to improve safety or cost
- Monitor industry regulations and standards to ensure ongoing compliance
- Maintain OCI specifications and procedures
- Develop and maintain relationships with vendors, consultants and contractors supporting project delivery
- Perform additional engineering duties as assigned
- Comply with all Orano health, safety and environmental policies, practices and procedures
- Promote and adhere to Orano's Values: Safety and Security, Team Spirit and Cohesion, Continuous Improvement, Customer Satisfaction, Ethics, Transparency and Dialogue, Respect and People Development

Qualifications and skills we're seeking:

- Bachelor's degree in electrical engineering
- Eligible for registration as a Professional Engineer with APEGS
- A minimum of 10 years of experience in electrical system design, construction, commissioning and/or analysis
- Experience with instrumentation and control systems is an asset
- A minimum of 5 years of experience with engineering industrial projects
- Expert knowledge of the Canadian Electrical Code including the Use of Electricity in Mines
- Expert understanding of power distribution and protective devices
- Working knowledge of electrical modelling software ETAP is an asset
- Ability to innovate in the areas of system efficiency, capital and operating cost optimization
- Excellent analytical, interpersonal and communication skills, both written and verbal
- Ability to lead and interact in a team environment, as well as working independently
- Ability to foster and maintain good working relationships with other departments within the company
- Demonstrated ability to respond to project changes in a flexible and independent way
- Co-ordinate activities, information, materials or resources within own area of responsibility to meet deadlines

Work Location & Travel:

- Saskatoon Corporate Office
- Travel to Orano northern mine sites are required with varying durations and frequencies based on needs

Benefits and advantages of working with us:

- Competitive salary and benefits package
- Training and development opportunities
- Fitness equipment available for use on work/camp premises
- Career advancement opportunities, social committee, interesting projects and opportunities to get involved in our strong commitments to communities

Salary Range: \$118,350 - \$139,200

Compensation to be determined based on the selected candidate's level of skill, education, and experience, and may vary within the posted salary range.

As a condition of employment the successful candidate must complete Orano's pre-employment checks including



education verification and employment reference checks.

Drug (including marijuana) and alcohol substance testing is a requirement for all Safety Sensitive positions. Applicants who have recently used marijuana recreationally may not pass a substance test as marijuana can remain in the user's system for as many as 30 days after use.

Orano is an equal opportunity employer. We value the knowledge, experience and cultures of all individuals and are committed to the advancement of Indigenous Peoples, Women, Visible Minorities and People with Disabilities. We strongly encourage all qualified candidates from these designated groups, including those with disabilities, to apply for our career opportunities. We are dedicated to creating an accessible workplace for everyone.

Apply online at www.orano.group/jobs/en by August 3rd, 2026.

Job #: 026-143-S

HR Authorization: Sharisse Carr

