

Employment Opportunity

Orano Canada

Site Process Safety Engineer/EIT (McClellan Lake)

Are you an engineer looking to grow into the field of Process Safety?

What Process Safety is:

Process Safety is about protecting people from the types of hazards that are present in the process / manufacturing industries.

As a Process Safety Engineer, you'll spend your time studying incidents and looking at processes to understanding hazards and risks, then by applying various levels of protection to reduce the frequency and severity of incidents. We welcome candidates with a range of experience levels, from Engineer-in Training to Senior. If you are excited about the opportunity to grow in your career, while contributing to a safer work environment and making a meaningful impact, we encourage you to apply!

Reporting to the Safety Coordinator, this position is responsible for the following duties:

Responsibilities include:

- Align with and support the Process Safety Manager (Saskatoon office) in the implementation of OCI Process Safety Management
- Supports the development, implementation, review, audit, promotion, and revisions to the Process Safety Management Program
- Participate in and/or facilitate PSM related incident investigations utilizing Cause Map methodology and incorporating human factors analysis.
- Coordinate, facilitate and participate in various hazard identifications and risk assessments including safety case development and management
- Steward action item completion and gap closure plans associated with PHAs, incident investigations, audits, MOCs and other PSM activities and assists with their completion
- Support Safety Critical Measures program by:
 - Collaborating with Engineering and Maintenance to manage Safety Critical Measures (link between PHA study outcomes, preventative maintenance, and inspection plans)
 - Performing verification and performance of various Safety Critical Measures
 - Updating Bow Tie Analyses
- Classify Process Safety Events (incidents and near misses (lead investigations, reporting) and ensuring learnings from investigations result in improvements
- Support development of key performance indicators for monitoring and improving Orano's process safety performance. This will include assisting site staff on data analysis to:
 - utilize and manage data to forecast trends
 - identify, analyze, and interpret trends
 - generate, update and report statistics on a set frequency
 - create and maintain various performance dashboards



- Coach and train employees in various departments on Process Safety requirements
- Provide technical support to help drive site improvements, including:
 - Review of key safety systems and recommendation of corrective actions from risk assessments
 - Track status of risk reduction activities
- Provide process safety expertise to support for emergency preparedness
- Collaborate with Major Projects and Project Engineering departments to develop and imbed process safety management into project design and delivery
- Provide technical advice to project teams regarding equipment spacing, overpressure protection, relief valve sizing, risk reduction methodologies, etc.
- Provide engineering solutions to manage our most concerning risk scenarios
- Develop and/or update process safety management procedures and work instructions

Skills and Qualifications for the position include:

- A university degree in Engineering and registered, or eligible to register, with APEGS
- Able to collect thorough and detailed data for analysis
- Strong computing skills with an ability to learn new programs
- Able to read technical and engineering drawings (e.g., P&IDs)
- Effective interpersonal, organizational, and communication skills
- Able to work independently and collaboratively in a team environment
- Able to establish effective relationships with a variety of departments

Work Location & Schedule:

- McClean Lake
- 14 day in/ 14 day out rotating schedule
- Normally an 11 hour work day, although some activity outside of normal working hours may be required

Benefits and advantages of working with us:

- Competitive salary and benefits package
- A welcoming environment and great co-workers
- Training, development, and career advancement opportunities
- Many indoor recreational activities some of which include: full size gymnasium, racquetball court and fitness facilities, billiards, art room, band room, and ongoing scheduled recreational activities such as bingo, basketball, floor hockey, volleyball, fitness classes, archery, pickle ball, art and pottery classes, etc.
- Outdoor recreational activities (weather permitting) some of which include: fishing, canoeing, paddleboards, bicycles, tennis courts, snow shoeing, etc.

Pick-Up Points: Saskatoon, Prince Albert, La Ronge, Buffalo Narrows and the designated communities in the Athabasca region of Uranium City, Stony Rapids, Fond du Lac, and Wollaston.

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 and commit to the advancement of Indigenous Peoples, Women, Visible Minorities and People with Disabilities and strongly encourage all candidates from these designated groups to apply for our career opportunities.

Apply online at www.orano.group/jobs/en by February 4th, 2025.

Job #: 025-014-M

HR Authorization: Sharisse Carr

