



Process Engineer

THE COMPANY

Headquartered in Calgary, Alberta and with operations near Fort St. John, British Columbia, Pacific Canbriam Energy Limited ("PCE") is committed to our 5Cs business philosophy of creating benefits for our Community, Country, Climate, Customer, and Company.

PCE believes that the quality of its resource is a strategic asset that differentiates the company. Early efforts to identify a scalable, low cost supply source led to a focus in the Altares and Kobes Montney regions in northeast B.C. The Montney is a world class resource and Altares is among the highest quality areas. The region possesses a unique combination of thickness and over-pressure, which contributes to highly efficient stacked resource development and strong well deliverability. Pacific Canbriam's Montney resource also possesses a high liquids content and overall rock quality that translates into a highly competitive supply cost.

We believe that teamwork is the foundation of our success. We have established a culture where problem solving skills and critical thinking are highly valued. Individual technical disciplines collaborate to achieve common objectives and continuously improve results. PCE's strategy and its culture are centred on this commitment.

PCE is committed to protecting people and the environment through responsible natural resource development. We are proud to engage in industry-leading sustainability practices and promote continuous improvement throughout all areas of environment, social and governance (ESG) topics.

The next iteration of our integrated approach relates to the planned export of our natural gas to markets in growing economies overseas. To achieve this aim, PCE will supply B.C.'s proposed Woodfibre LNG project, which will liquefy the natural gas and load it into vessels. The natural gas will be shipped to help supply a growing demand for cleaner sources of energy in Asia.

THE POSITION

PCE is currently seeking a Process Engineer, based out of the Calgary office. Reporting to the Operations Manager, this role is instrumental in ensuring the safe and efficient execution of process engineering / asset integrity tasks in the field. This position is responsible for implementation of the integrity programs for pressure vessels, pressure piping systems, tanks, and pipelines in accordance with Technical Safety BC (TSBC), BCER regulations, PCE policies, procedures, and standards to ensure risk mitigation and compliance. This role requires a seasoned professional with a focus on the operation and maintenance of central production treatment/storage/compression facilities, wells, water injection pumps, related equipment, and various utility support systems including oilfield boilers, centrifugal desanders, and chemical injection equipment.

Key Responsibilities

- Ensure all processes comply with safety standards and regulatory requirements. Participate in safety audits and implement recommendations.
- Managing 'asset integrity' situational awareness by standardising communications and planning across operations shifts, aligning to facility designs, Safety Instrumented Function (SIF), critical, standard, integrity and target limits and setting corresponding notifications, enabling proactive monitoring of the process and equipment, and defining a common method for managing abnormal situations.
- Analyze current processes to identify areas for improvement in efficiency, safety, and cost-effectiveness. Implement changes as necessary to optimize process performance.
- Coordination of activities to ensure compliance with PEIMS, IMPP and IMPF

- Responsible for the implementation and execution of corrosion monitoring and mitigation programs
- Liaise with regulatory field inspectors for matters concerning Integrity
- Conduct inspections and integrity assessments of pressure vessels, pressure relief devices, pressure piping, boilers, tanks, and pipelines
- Develop and maintain accurate equipment records utilizing current corporate databases and systems
- Engage on any reactive situations that arise
- Support development of programs for 'Field Verification of Equipment' – Status of each wellsite location, along with as-building and inventory of equipment to feed back to the integrity database
- Represent and be fully engaged with Integrity-related maintenance work including weekly scheduled items and/or annual inspection list
- Coordinate and support inspection activities and NDE inspections
- Establish strong working relationships with all operations staffs including plant and field operators
- Audit PSV & Mechanical contractors through routine shop and field visits
- Develop Inspection Test Plans (ITP's), Repair Plans, Technical Bulletins, and Inspection Memos to ensure code and regulatory compliance
- Develop and deliver training to support the execution of integrity programs
- Conduct/participate/support program audits and work to ensure close out of actions items
- Actively participate and 'own' Management of Change Process
- Support construction to achieve integrity program compliance on field executed capital projects.
- Work on the design and implementation of new processes or modifications to existing processes, ensuring they meet both operational and safety standards.
- Drive continuous improvement initiatives, utilizing methodologies such as Six Sigma or Lean to enhance process efficiency and reliability.
- Develop and maintain accurate and up-to-date process documentation, including flow diagrams, operating procedures, and process specifications.
- Lead or participate in process-related projects, ensuring they are completed on time and within budget.
- Provide training to operations staff on new or modified processes, ensuring they understand and can effectively operate the process.

THE INDIVIDUAL

About You

- Prioritize safety above all, ensuring that every process and procedure adheres to the highest safety standards and protocols.
- Demonstrates a deep understanding of process engineering principles and practices.
- Analyzes complex problems, identifies root causes, and develops effective solutions.
- Collaborates effectively with multidisciplinary teams, driving alignment and achieving shared objectives.
- Communicates technical information clearly and effectively to a diverse audience.
- Adapts to changing priorities, manages multiple projects, and delivers results under tight deadlines.
- Proactively identifies opportunities for improvement and champions innovative solutions.

Qualifications

- Bachelor's degree in Chemical, Petroleum or Process Engineering. A Master's degree or relevant certifications would be an advantage
- 10+ years of experience as a Process/Chemical Engineer, preferably in gas processing or a related resource industry (Refining, Upgrading, Oil Sands, Mining)
- Detail-oriented, team player, committed to continuous improvement, and a strong focus on process safety
- Working knowledge of CSA & ASME Codes will be an advantage
- ABSA/TSBC certification as an "In-Service Pressure Vessel Inspector" will be an advantage
- Experience with inspection, construction, repair, or maintenance of pressure equipment

- NACE training or certification in corrosion control, cathodic protection, coatings, etc. is ideal
- Strong knowledge of field operations, equipment and processes
- Strong analytical and problem-solving skills, proficiency in process simulation software, excellent communication skills, and a thorough understanding of process engineering principles

APPLICATION PROCESS

Please submit your resume and a cover letter on our [Careers Page](#) by October 1, 2023. Be sure to address your cover letter to **Operations Manager**, indicating your interest in the position and how your experience meets or exceeds the qualifications. Pacific Canbriam Energy thanks all candidates however only those selected for an interview will be contacted.

PCE is proud to be an equal opportunity employer. We firmly believe that having a diverse team not only celebrates our differences, but also drives innovation while optimizing performance. We commit to fostering a diverse, equitable and inclusive environment, where talented people collaborate to continuously improve - collectively building an extraordinary vision for the future.

PCE encourages qualified applicants of any race, religious belief, colour, national or ethnic origin, disability, age, marital or family status, sex or sexual orientation, gender identity or expression to apply. Hiring decisions are based on merit, qualifications and unique business needs. We do not tolerate any discrimination, harassment or workplace violence and will investigate and remedy any claims in a timely manner and take appropriate corrective action.

PCE is committed to providing reasonable accommodations for qualified individuals with disabilities. If you require assistance with this application please reach out to HR@pacific-canbriam.ca