



PROCESS ENGINEER - INTERMEDIATE

Location: Calgary

Requisition ID: 1002

Department: Engineering

Are you ready to explore the art of the possible?

Imagine a work environment where you are encouraged to dream big, think outside the box and integrate with others to transform the future. That's Cerilon.

We exist to provide energy transition solutions and expertise to help create a better future. We are driven by this purpose as we apply our pillars of leadership, ownership, stewardship, and excellence to our work. We are currently progressing with our foundational project, which is an innovative gas-to-liquids facility to be built in North Dakota. Our globally dispersed team has exceptionally deep expertise across a variety of disciplines and functions. Now we are looking for top-tier talent to join our team in a number of interesting and challenging roles.

This is not your typical workplace where you are asked to colour within the lines or stay in your lane. In fact, we need you to roll up your sleeves and dive in with curiosity, creativity, and commitment. We are a quickly growing start-up and we all move at pace, navigating ambiguity on a daily basis. While roles are clearly defined, your day-to-day may not be. Some may find that frustrating. We find it incredibly exhilarating and empowering.

So, we would love to hear from you if you are driven by purpose, up for a challenge, and want to explore the art of the possible in your career.

Overview

Assisting in the development, implementation, commissioning, and start-up of a new greenfield gas-to-liquids facility. The individual will support the engineering team from FEED stage all the way through execution and to commissioning and start-up.

Responsibilities may include but are not limited to:

- Interface with technology providers, EPC team and operations.
- Aid in the development of company process engineering standards.
- Support the owner's engineering team in the development of a greenfield gas-to-liquids (GTL) facility.
- Interface with the Engineering contractor(s), licensors, and vendors, while representing Cerilon on the project.
- Actively participate in design reviews.
- Process Design activities during FEED and Detail Engineering which includes performing process simulations, design calculations, Process Optimization, sizing & selection of equipment etc. for Tenders (as required) and for awarded purchase orders and contracts.



PROCESS ENGINEER - INTERMEDIATE

- Review of engineering contractor's and licensors' documents, drawings, specifications, datasheets, and calculations during FEED and detailed engineering phases, and providing necessary engineering inputs to the other engineering disciplines as well as business and operations departments.
- Will eventually involve preparation of various engineering deliverables (Drawings & Documents) such as Process Flow Diagrams, P&I Diagrams, Process Datasheets, Equipment Specifications, Cause & Effect Diagrams, control philosophies, start-up and shutdown philosophies, HAZOP Studies & reports, Operation & maintenance manuals etc.
- Support the education and mentoring of junior staff around GTL principles in the future.
- Support the development of engineering standards and practices for the project.

Qualifications

- Bachelor's Degree in Chemical Engineering.
- Registered as a Professional Engineer with APEGA or eligible to register.
- 3+ years of chemical engineering experience.
- Refinery operating and/or design experience.
- Ability to travel internationally.
- Proficiency with Microsoft Office Suite.
- Time management and organizational skills.
- Excellent problem-solving skills.
- Highly organized and able to work under pressure.
- Adaptable to changing environments.
- Strong interpersonal skills and effective at building relationships with internal and external stakeholders.
- Excellent communication skills, both written and verbal.
- Able to work within a team and individually with limited direct supervision.

Apply now by submitting your resume through our applicant submission process on [Indeed.com](https://www.indeed.com).

This position will be posted until end of day: 2024-Apr-09



PROCESS ENGINEER - INTERMEDIATE

More about Cerilon | The Future of Energy, Now

Cerilon Inc. is an international, privately held corporation headquartered in Calgary, Alberta. The company is focused on developing and managing a portfolio of energy transition, chemical, and professional services companies. Cerilon is building North America's first gas-to-liquids (GTL) facility in North Dakota. This facility will include carbon capture and storage (CCS), making it the first facility of its kind in the world. Cerilon GTL North Dakota will produce high-value liquids, including base oils, ultra-low sulphur diesel, and naphtha. Due to the CCS integration and clean burning nature of GTL fuels, the products will have lower emissions from a life cycle perspective and higher quality than their conventionally produced counterparts. This project is the first of many and will be developed using best-in-class approaches for engaging with the local community and government, demonstrating deep care for the environment, and working with globally renowned partners in project development and execution. An unwavering Environment, Social, and Governance focus; long-term partnerships; strategic agility; and the ability to rapidly integrate technological advancements enhance project replicability, speed-to-market, and return on investment.

Cerilon is well-positioned to provide energy transition solutions and expertise that can help create a better future. Learn more at www.cerilon.com.