



## MECHANICAL ENGINEER LEAD - CONTRACT

**Location:** Calgary

**Requisition ID:** 1003

**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 engineering design and development 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.

This is a part-time position up to 80% utilization per month with an expected 24-month term with an option to renew.

Responsibilities may include but are not limited to:

- Support the owner's engineering team in the development of a greenfield gas-to-liquids (GTL) facility.
- Interface with the Engineering contractor(s) while representing Cerilon on the project.
- Provide technical support and advice as required for rotating and static equipment relating to:
  - Major Projects experience, including selection, fabrication, testing, installation, and commissioning of equipment.
  - Operations and Maintenance.



## MECHANICAL ENGINEER LEAD - CONTRACT

- RAM analyses and Reliability and Asset Management.
- Supply Chain.
- Review and provide guidance on rotating and static equipment specifications and procedures, and related Engineering Contractor's procurement activities such as RFQs, quality requirements, evaluation, and selection.
- Assist with the development of condition-based maintenance programs for rotating and static equipment to maximize business value.

### Qualifications

- Bachelor's Degree in Mechanical Engineering
- Professional Engineer designation that is recognized by APEGA is required.
- In addition to static equipment experience, a minimum of 8 years related specifically to rotating equipment is required, with specific experience with gas turbines, gas compressors and packages.
- Experience in FEED, detail engineering, and execution project stages is a must.
- Good understanding of oil & gas refinery processes and equipment.
- Must be highly familiar with all the relevant North American industry codes and standards, including API, ASME, ABSA, CEC, and ISO, relating to all classes of rotating equipment.
- Strong working design knowledge of codes and design strategies for static equipment including pressure vessels, heat exchangers, tanks, valves, and piping systems.
- Knowledge of and experience with safe work practices in the oil & gas industry environment.
- Experience in vibrational monitoring and analysis.
- Industrial experience in Machinery Manufacturing, Vendor Field Support, and/or Oil Industry/Pulp or paper mill/mining is highly desired.
- Strong written and oral communication (English) skills.
- Must be able to prioritize workload, meet deadlines, and work with minimum supervision.
- Must be able to coordinate with team members in other locations - virtual.
- Well-developed communication and presentation skills to communicate with all levels of an organization.
- Strong analytical skills to identify key issues based on relevant data and provide fit-for-purpose recommendations.
- Experience with SAP is considered an asset.

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-26

## MECHANICAL ENGINEER LEAD - CONTRACT



### 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](http://www.cerilon.com).