



## Senior Mechanical Engineer/Team Lead

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### Build More Than Just A Career

Our people are our success. They are also adventure-seekers and difference-makers who are committed to a shared vision – to offer the best of the best in project delivery services. When you join ONEC, you join a community that seeks to help you build more than just a career. You will build working relationships and partnerships that become friendships, build ideas that become realities, and build skills that help you grow personally and professionally. We want you to love what you do so that together we can do great things.

### About ONEC

ONEC Group has been building projects in Western Canada for over 20 years. As an EPC and EPCM provider, our services include multidisciplinary engineering, design, construction, project management, geomatics and surveying, logistics, and scaffolding services. We are the only mid-sized firm in our industry that offers this collective expertise under one roof. Because of our company's size, clients get to know our team and always work with the same people, resulting in stronger working relationships and efficiency. We are agile in our approach to project delivery because we are able to pivot quickly and adjust our standard processes to suit specific clients' needs. ONEC believes in local leadership and we engage top talent from the communities we work in. We understand that local knowledge and presence are key to not only our overall business success but the economic success of the communities we work in.

### Career Details

Job Title: Senior Mechanical Engineer/Team Lead

Number of Openings: 1

Job Type: Full-Time

Minimum Level of Education: Bachelor's Degree

Years of Related Experience: 15+ years

Office Location: Edmonton, AB

Application Deadline: Until Filled

### Position Summary

We are seeking an experienced Mechanical Engineer familiar with leading maintenance, debottlenecking, and capital mechanical engineering projects. Projects typically consist of boiler and pressure vessels, pressure piping systems, cooling towers and dry coolers, conveyance, rotating equipment, heating ventilation and cooling systems, plumbing and vent, and site services. The successful candidate will be responsible for preparation of designs within the context of a multidisciplinary design team and providing technical assistance to clients for mechanical engineering-related matters.

Other Responsibilities include:

- Assisting our engineering firm as a subject matter expert.
- Registering as a responsible member with APEGA and participating in the maintenance and development of our professional practice management plan, maintain office master specifications, design standards, and details for efficient re-use.
- Mentoring others demonstrating strong ethics/morals while drawing on personal and professional experience to help the Mechanical Engineering Department grow in expertise and knowledge.
- Supporting management and leadership by participating in team-level performance reviews.
- Able and willing to transfer knowledge to junior and intermediate engineers, technicians, drafters, project managers, and coordinators through the regular course of business.

- Managing Mechanical Engineering projects; adhering to budgets, timelines, and key deliverables.
- Overseeing project planning, setting design direction and schedule, estimating project costs, providing cashflow projections, monitoring progress of several projects simultaneously while reporting key metrics as needed for client projects that operate industrial facilities.
- Reviewing project sites to assess the condition of existing equipment, gathering information to complete designs, and walk-down work with construction personnel.
- Providing feedback and advice regarding the technical and mechanical aspects of client projects to management and other project leaders.
- Preparing and reviewing designs and reports prepared by other engineers and designers.
- Collaborating with other engineering disciplines and construction personnel to ensure project success.
- Occasionally acting in a Project Engineering role to coordinate larger design and construction projects.
- Frequently acting as the client-facing Project Manager for smaller single discipline engineering projects.
- Ensuring ongoing compliance with local, national, and international standards (where applicable) and legislation.

## **Our Ideal Candidate**

- 15+ years of Mechanical Engineering experience.
- Bachelor's Degree in Mechanical Engineering.
- Registered as a P.Eng. with APEGA.
- Working knowledge of OH&S Act, Code, and regulations.
- Working knowledge of risk analysis and risk management.
- Ability to create, maintain, and review technical documentation including project execution plans, design documents, and specifications (on drawing, performance, and book).
- Produce construction work packages.
- Proficiency in vessel design, pipe stress analysis, or other finite element software.
- Working knowledge of construction techniques and skills. Comfortable working with tradespeople.
- Has an interest in multidisciplinary work and understands the needs and requirements of other engineering disciplines.
- Operating or maintenance experience in the oil & gas, chemical, agriculture, green energy, and conventional power industries is an asset.
- Practical experience with rotating equipment, material handling, piping design, vessel design, process design, Finite Element Analysis (using Caesar II).
- Demonstrated knowledge of Canadian (where applicable)/local Engineering Codes, Standards, and Regulations such as ASME B31.1, ASME B31.3, ASME Section VIII Div. 1, CSA B149, API 12F, API 650, and Alberta Fire Code. Working knowledge of ASHRAE and SMACNA.
- Working knowledge of Heating Ventilation and Air Conditioning applications and Plumbing & Vent in the built environment.
- Proven track record in managing projects within budgets.
- Comfortable working in operating heavy commercial and industrial facility environments.
- Strong written and verbal communication skills.
- Professional, personable, and committed to producing high-quality work.
- Sound and independent judgment and reasoning.
- Excellent time management and project management skills.
- High level of proficiency with Microsoft Office productivity suite.

## **Application Instructions**

ONEC Group is an equal opportunity employer. Positions are filled by means of open competition where the selection is based on job-related skills, training, experience, and suitability. Final candidates will be asked to provide references. The results of the reference check must be acceptable to ONEC Group. We also consider different experience levels and knowledge and candidates with less experience may be considered for lower-level positions.

We thank all applicants in advance however only individuals selected for interviews will be contacted.

ONEC Group accepts resumes via online application at <http://onecgroup.com/careers/> or via email at [hr@onecgroup.com](mailto:hr@onecgroup.com) Please only submit in Word format.