

Position Title: Team Lead / Senior Mechanical Engineer

Revised: October 2019

Reports to: Branch Manager or Engineering Director**Based at:** Whitehorse Office

Position Purpose: Working closely with the Branch Manager, acting as a Project Manager or Mechanical Technical Leader on various projects, and developing/maintaining relationship with clients, the technical competence and production requirements of the projects. Provides exceptional customer service and coordination assistance with internal and external project partners (consultants, contractors, etc.).

Specific Responsibilities Include:

- Work with the Branch Manager and other senior members of team in providing our clients with finished projects in a timely manner.
- Communicate effectively with the Project Manager; this includes collecting and coordinating relevant information.
- Modify established standards, devise new approaches, apply existing criteria in new manners, and draw conclusions for comparative situations.
- Identify innovative technical approaches to mechanical engineering.
- Act as a mentor/coach to junior staff.
- Provide guidance and leadership to junior staff, this includes reviewing reports and ensuring technical standards are met.
- Resolve mechanical/construction technical issues, cost implications and conflicts with contractors.
- Provide effective options and solutions to design problems, mitigating WEC's exposure and protecting client relationships.
- Work with Project Manager and Technical Leads to solve interdisciplinary design conflicts.
- Provide input for proposals, may lead proposal writing for clients to whom you are the main contact.
- Share expertise with other offices.
- May act as client contact.
- Contribute to maintaining and improving quality control.
- Provide opinion of probable cost estimate.
- Perform construction administration tasks including compiling change orders, composing field review reports, reviewing progress claims, and providing responses to RFIs during construction.
- With proven competency, prepare engineering design, specification and/or recommendations for a variety of the following:
 - HVAC
 - plumbing
 - fire suppression
 - energy analysis
 - equipment selection and specifications
 - fuel systems
 - high and low pressure piping
 - mechanical design details
 - sustainable design
- Operate independently on routine projects and oversee work plans and procedures on routine projects.
- Coordinate with all disciplines, extract and relay relevant information for complex projects.

- Actively perpetuate and embody WEC culture and values.
- Stamp own project design and reports and that of engineers in training for whom you are providing peer review as appropriate.
- Employees are required to adhere to the company and client safety policies and practices in effect at any given time.

Qualifications and Experience:

- Bachelor's Degree in Mechanical Engineering
- P.Eng. status in Canada
- 8 years of experience minimum

Skills and Competencies:

- Excellent interpersonal skills; a person who listens well, respects diversity of opinions and has an open, clear and succinct communication style.
- Effective organizational and time management skills in handling multiple projects, performing a variety of tasks, and meeting required deadlines.
- Ability to represent the company to the staff, clients and community by ensuring the best image is presented.
- Application knowledge of WEC systems and programs (including Gnosis, Vision, Career Path, MS Office, AutoCAD, Revit MEP).
- Ability to develop engineering fee proposals.
- Ability to identify risks – satisfy client needs/ our needs.
- Ability to accurately apply codes and regulations.
- Ability to coordinate with all disciplines, extract and relay relevant information for complex projects.
- Competency in HVAC criteria for industrial projects.
- Competency as a technical specialist in energy analysis, equipment selection and specification, fuel systems, high/low pressure piping, and plumbing.
- Ability to write reports not requiring significant editing.

How to Apply:

Online: <https://williamsengineering.com/>