

Senior Mechanical Engineer – Calgary

Description

Tower Engineering Group is seeking an experienced Senior Mechanical Engineer to join our Calgary office.

This is a senior position within our Mechanical Department that combines technical expertise with a strong focus on mentorship, team development, and leadership. The successful candidate will provide guidance and support to engineers, designers, technologists, and drafting staff while helping coordinate workloads and maintain the technical quality of the department's work.

We are looking for someone who enjoys working with and developing people. The ideal candidate will be comfortable mentoring staff, providing technical direction, sharing their experience, and helping team members develop their skills and confidence, while also taking an active role in the design and delivery of mechanical engineering projects.

Responsibilities

Team Leadership & Mentorship

- Mentor and support junior and intermediate engineers, designers, technologists, and drafting staff.
- Provide technical guidance and share knowledge and experience with members of the Mechanical Department.
- Help staff develop their technical, project management, and client communication skills.
- Assist with coordinating workloads, project assignments, priorities, and scheduling within the department.
- Provide constructive feedback and support the professional development of team members.
- Encourage collaboration, communication, and knowledge sharing within the department.
- Serve as a senior resource for staff when technical or project challenges arise.
- Assist with onboarding and development of new employees.
- Help identify opportunities to improve department standards, processes, quality, and efficiency.
- Work closely with senior management to support the continued development and growth of the Mechanical Department.

Technical & Project Leadership

- Provide senior technical expertise for the design and delivery of building mechanical systems, including HVAC, plumbing, fire protection, building services, process piping, fuel transfer systems, and other mechanical systems.
- Lead mechanical projects from concept and preliminary design through detailed design, tender, construction, and project completion.
- Review designs, calculations, drawings, specifications, and other technical documents prepared by department staff.
- Provide technical guidance and assist project teams with resolving complex design and construction issues.
- Coordinate mechanical designs with structural, electrical, architectural, and other project disciplines.
- Conduct site investigations, assessments, construction reviews, and meetings as required.
- Maintain familiarity with applicable building codes, standards, industry practices,

Hiring organization

Tower Engineering Group

Employment Type

Full-time

Beginning of employment

As soon as possible

Duration of employment

Full-Time

Industry

Consulting Engineers

Job Location

910 – 919 11th Ave SW, T2R 1P3,
Calgary, Alberta, Canada

Working Hours

Monday – Friday 37.5 hours per
week

Date posted

September 24, 2026

Valid through

02.10.2026

and emerging technologies.

Project & Client Management

- Develop and maintain strong relationships with clients, contractors, architects, consultants, and other project stakeholders.
- Assist with project planning, proposals, scope development, budgets, schedules, and fee management.
- Monitor project progress and help ensure commitments to clients are met.
- Identify project risks and issues early and take a proactive role in resolving them.
- Represent Tower Engineering Group professionally in client and project meetings.

Qualifications

- A degree in Mechanical Engineering and registration as a Professional Engineer (P.Eng.) with Engineers Geoscientists Manitoba.
- A minimum of 10 years of relevant professional experience, with significant experience in the design and construction of building mechanical systems.
- Strong technical knowledge of HVAC, plumbing, fire protection, and other building mechanical systems.
- Experience mentoring, supporting, and providing technical direction to other engineering and technical staff.
- The ability and desire to share knowledge and help develop less experienced team members.
- Experience managing projects, budgets, schedules, and client relationships.
- Strong organizational and decision-making skills with the ability to manage multiple priorities.
- Excellent written and verbal communication skills.
- The ability to work collaboratively with other engineering disciplines and senior management.

THE PERSON WE'RE LOOKING FOR

We are looking for an experienced mechanical engineer who wants to be more than a technical resource.

The successful candidate will enjoy mentoring and developing others, sharing their experience, and helping less experienced staff grow professionally. They should be approachable, willing to provide guidance, and comfortable stepping in to help the team work through technical and project challenges.

This role provides an opportunity for an experienced engineer to have a meaningful influence on the development of our people, the quality of our projects, and the continued growth of Tower's Mechanical Department.

Job Benefits

- Competitive salary commensurate with experience.
- Comprehensive benefits, including extended health, dental, and vision coverage.
- Group RRSP plan with employer matching.
- Professional development support for technical training, conferences, certifications, and continuing education.
- Opportunities to work on a diverse range of building investigation and remediation projects.
- A collaborative multidisciplinary environment with a strong emphasis on technical rigor, practical solutions, and honest, defensible reporting.

Contacts

Please submit your resume and cover letter to John Shotton, Human Resources, at jshotton@towereng.ca. Your cover letter should outline how your experience and qualifications align with the requirements of the position.

We thank all applicants for their interest; however, only those selected for an interview will be contacted..

