

# Why Join SMS Engineering?

We have a saying that people come for the projects and stay because of the people. It's why the brightest join our team – it's an exciting, and supportive, place to work.

Our fast-paced environment offers the opportunity to work on projects of all types, expanding your knowledge base and exploring what makes you tick as a designer, contract administrator or project manager.

The collaborative environment we nurture will give the support needed while nudging you to try new ideas in your design and expand your role within our firm.

Develop professionally through our in-house mentorship program and education opportunities and by finding your area of expertise and earning specialized diplomas and certificates.

Our ownership group is active in our daily operations and promotes an open-door policy of idea sharing and continuous process improvement. This access to all levels of our organization provides an opportunity for career progression and to make an impact across all levels of our organization.

Our multi-disciplinary team has grown and branched out throughout the decades because we assist our employees with planning their careers and helping them to achieve their goals.

We collaborate with other leading providers in our industry, sharing innovative ideas and achieving lofty goals.

## Are you our next Senior Mechanical Designer?

We have an opening for a **Senior Mechanical Designer** who will lead mechanical projects in the commercial office, healthcare and education industries. As a proven problem solver, you will ensure that we meet the technical requirements of a project by delivering excellence, innovation and ingenuity to our clients. In this role you are expected to:

- Evaluate and design mechanical systems by developing drawings and specifications in HVAC, hydronic, plumbing, and fire protection systems.
- Produce rough layouts and schematic designs to aid with space planning.
- Establish the needs of the client and coordinate with other disciplines and office personnel to ensure that these requirements are met.
- Select products, components, and applications via your research and by applying previous knowledge of mechanical systems and materials.
- Provide technical assistance and respond to contractor's inquiries that relate to construction projects
- Prepare technical reports, load/design calculations, and construction cost estimates and conduct a cost analysis.
- Perform detailed site surveys.
- Attend internal and external project meetings and coordinate with clients and other consultants independently.
- Prepare contract documents and evaluate tenders for construction or maintenance.
- Schedule, coordinate and lead engineering design teams and projects, including resource utilization, project expenditures and invoicing.
- Market and promote the services offered by SMS Engineering including the preparation of proposals and fee estimates.
- Assist, support and mentor junior staff in the fundamentals of mechanical design, calculations and preparation of construction documentation.
- Those with a professional engineering designation are expected to seal design drawings and documents.

## What You Bring:

You are well qualified for this senior role if you:

- Have between 8-10 years of industry design experience with a project and technical management background.
- A degree in mechanical engineering or diploma in engineering and a licensed Manitoba professional engineer (P.Eng.) or Certified Engineering Technologist (CET) and the ability to travel within Manitoba, with some limited national travel.
- Knowledge of local codes and standards including the Manitoba Building Code, Manitoba Plumbing Code, Manitoba Energy Code, CSA Standards, and NFPA standards related to mechanical building systems.
- Have the ability to assess load calculations, equipment sizing, and mechanical designs prepared by others.
- Experienced with REVIT and the ability to edit and add information into a BIM model.
- Proficient in financial performance management of projects.
- Thrive in an extremely fast-paced environment where you practice your skills of multi-tasking and prioritization.
- Can be entrusted to work with confidential information, non-disclosure agreements, and required federal, provincial, military or other security clearances.
- Enjoy working within a team and collaborating with fellow employees, clients, contractors and other design teams coordinating team meetings, meeting deadlines and delivering quality results within budget.
- Have strong organizational and time management skills including an understanding of project scheduling, including Gantt charts.
- Are at ease working independently and representing the company at the highest levels.
- Have exceptional written and oral communication skills.

## About SMS Engineering

SMS Engineering is a privately-owned consulting engineering firm headquartered in Winnipeg providing pre-development and planning to design and contract administration of projects to local and national clients. Our engineering specialist team delivers award-winning innovative solutions to built environments.

We pride ourselves on providing outstanding designs to our clients, and we value our employees. Our workplace embraces a culture in which we never stop learning which enables our team to develop and thrive throughout their careers.

If you are interested in applying for the position of **Senior Mechanical Designer**, you are invited to submit a cover letter and resume in confidence to [careers@SMSeng.com](mailto:careers@SMSeng.com). Please provide your documents in PDF format and note the position in the subject line. We thank all applicants for their interest in SMS Engineering, however, only those applicants selected for an interview will be contacted.