https://beta.towereng.ca/job/678-2/

Electrical Designer – Winkler

Hiring organization
Tower Engineering

Employment Type
Full-time

Beginning of employment
As soon as Possible

Duration of employment
Full-Time

Industry
Consulting Engineers

Job Location
Winkler, Manitoba, Canada

Working Hours
37.5 hours Monday – Friday

Date posted
December 9, 2025

Valid through
30.09.2025

Description

We are seeking serious applicants for a Senior Electrical Engineer/Designer role at Tower Engineering. The ideal candidate will have a Professional Engineering (P. Eng.) designation in Manitoba or at minimum 5 years experience in the fields of commercial, institutional, industrial, multi-family, and commercial projects. They should be able to contribute to Tower's growth and help us maintain our position in the market as a client-focused, multi-disciplinary consulting firm. The candidate should have electrical design experience in the commercial, industrial, and multi-family residential consulting industry as well as strong work ethic, and project oversight skills.

Responsibilities

For maximum success in this role, candidates should have between 5 to 10 years of experience in commercial and institutional electrical design. We are seeking someone who takes pride in their work, and who will go the distance to ensure both accuracy and on-time delivery. In return, we provide excellent opportunities for professional development and advancement.
Key responsibilities include the following:
· Work closely with other senior designers, engineers, and drafting staff on projects that include lighting, power, emergency system, fire alarm design, and single line diagram development in accordance with Canadian Electrical Code;
· Develop electrical drawings and schedules with drawings sets including preliminary, schematic, general arrangement, and detail design tender, and construction drawings for a wide range of clients.
· Perform calculations and selects necessary electrical, lighting, and life safety equipment for each project
· Ensure compliance to local Codes and Standards and communicate findings to team members
· Set and Review project deliverables including reports, calculations, drawings and specifications
· Actively participate and all contract administration activities for the projects
· Visit project sites to conduct surveys of existing electrical systems;
· Establish and maintain relationships with appropriate client stakeholders, participating in design team meetings and
providing day-to-day contact on project status and changes. Communicate project specifications to ensure smooth delivery
· Maintain familiarity with current techniques, industry developments, etc.
· Monitor and assign resources appropriately to streamline project efficiency and maximize deliverable outputs.
· Mentor Junior design team.
· Conduct Site visits during construction to confirm installation is consistent with drawings and specifications

Qualifications

Diploma in Electrical Engineering from a recognized university.
· Registration as P. Eng. with APEGA (or eligibility to register)
· Experience working in design of buildings: commercial, industrial, multi-family residential, hospitality, healthcare,

institutional, etc.
· Good technical, organizational, coordination, written and verbal communication skills.
· A notable high level of interpersonal skills, would be considered an asset;
· Proficiency at reading and interpreting technical specifications, design drawings, and details.
· Demonstrates ability and interest to work as part of a team, coaching and educating project teams to strengthen team
members' capabilities and skill sets;
· Desire to develop personal and professional skills and expand career;
· Demonstrates experience with software such as MS Office (Word, Excel, etc.), AutoCad, Revit.
· Ability to travel for short durations may be required. and a valid driver's license is an asset.
· Strong understanding of the provincial building code, electrical code, CSA, ULC, IEEE, IES, and NFPA standards
· Experience working with architects, developers, other consultants and contractors
· Ability to work in complex environment dealing with multiple projects at once
· Excellent leadership abilities and interpersonal skills
· Strong problem solver and sound decision maker
· Business development experience is an asset

Contacts

Please submit your application in the form of a resume and cover letter to John Shotton, Human Resources (jshotton@towereng.ca). Ensure the letter indicates how you meet the position requirements.

Only successful applicants will be contacted.

We thank all applicants for their interest.