

Electrical Engineer

Job ID	2020-1708
# of Openings	1
Category	Engineering - Transportation & Facilities
Sub-Category	Mechanical & Electrical

Overview

Dillon is a well-established, employee-owned professional consulting firm operating across Canada and internationally. We provide a wide range of consulting and design services related to the infrastructure, real estate, resource, industrial and government sectors in Canada and abroad.

We are currently seeking candidates for the position of **Electrical Engineer** in our **Winnipeg office**.

Responsibilities

- Assist in the management of a variety of multidisciplinary projects for both public and private sector clients across the company, with particular emphasis on the electrical component of such projects
- Assist in the development of client relationships and business development activities including proposal preparation (initiation and submission), reports and presentations
- Contribution of technical expertise on a variety of multi-disciplinary projects including:
 - Preparation of electrical design drawings including single line diagrams, site plans, power and distribution floor plans, lighting layouts, fire alarm layouts, motor controls, panel board schedules, and equipment schedules.
 - Preparation of wiring diagrams and electrical details
 - Photometric analysis of lighting systems
 - Voltage drop calculations
 - Preparation of contract documents and specifications
 - Site visits and contract administration
- Provide on-site services for inspections, equipment start-up, and commissioning
- Technical guidance of junior electrical professionals (including engineers and technologists)
- Contributions to Dillon's corporate profile through active participation in professional associations and committees
- Maintain professional and technical knowledge by attending educational workshops, reviewing professional publications, establishing personal networks, and participating in professional societies
- Contribution to technical and professional leadership within the firm
- Business travel to other Dillon offices upon request

Qualifications

- A degree in electrical engineering
- Licensed to practice as a professional engineer in Manitoba, or eligible to be licensed within six months
- A minimum of 6-12 years of related professional experience

Experience

- Demonstrated success and experience in both project management and proposal preparation.
- Demonstrated success assisting teams of technical professionals on multi-disciplinary projects
- Hands-on experience in:
 - Medium and low voltage distribution
 - Motor protection and control
 - Emergency power generation
 - Load calculations
 - Lighting design
 - Fire alarm systems
 - Security systems
 - Video surveillance systems
 - Lightning protection
 - Grounding and bonding
 - Hazardous area classification
 - Short circuit, coordination, and arc-flash studies
- Experience in performing on site services for:
 - Condition assessments
 - Construction observation and inspection
 - Equipment site acceptance testing
 - Start-up and commissioning
 - Training
- Experience in the Application of Canadian Electrical Code
- Strong organizational and interpersonal skills
- Exceptional communication (verbal and written) skills are essential

Dillon is committed to employment equity and workplace diversity. We strive for equity, inclusiveness and diversity in all our programs, practices, facilities and people. All qualified applicants are encouraged to apply. Accommodations for applicants with disabilities will be made available. To request for accommodation, please email us at accommodation@dillon.ca

Dillon offers competitive salaries, health benefits and a generous retirement savings plan.

Click [here](#) to apply