

Build More Than Just a Career

Our people are our success. They are also adventure-seekers and difference-makers who are committed to a shared vision – to offer the best of the best in project delivery services. When you join ONEC, you join a community that seeks to help you build more than just a career. You will build working relationships and partnerships that become friendships, build ideas that become realities and build skills that help you grow personally and professionally. We want you to love what you do so that together we can do great things.

About ONEC

ONEC Group has been building projects in Western Canada for over 20 years. As an EPC and EPCM provider, our services include multidisciplinary project services including project & construction management, engineering & design, procurement & logistics, geomatics & survey, fabrication & construction, mechanical & electrical installation, and scaffolding & insulation. We are the only mid-sized firm in our industry that offers this collective expertise under one roof. Because of our company's size, clients get to know our team and always work with the same people, resulting in stronger working relationships and efficiency. We are agile in our approach to project delivery because we are able to pivot quickly and adjust our standard processes to suit specific clients' needs. ONEC believes in local leadership, and we engage top talent from the communities we work in. We understand that local knowledge and presence are key to not only our overall business success but the economic success of the communities we work in.

Career Details

Job Title: Senior Electrical Engineer

Number of Openings: 1

Job Type: Full-Time/Permanent

Minimum Level of Education: Bachelor of Engineering

Years of Related Experience: 10-15

Office Location: Edmonton, AB

Application Deadline: February 27th, 2023

Position Summary

Reporting to the E&I Engineering Manager and working with the E&I team, the successful candidate will be responsible for the design for various industrial projects. This will include components of power distribution, fault analysis, arc flash analysis, area classification, and electrical installation design. The Electrical Engineer will also be required to provide construction support and commissioning/start-up support on various projects/locations as required.

Other responsibilities include:

- Leading electrical engineering role for various single discipline and multi-discipline projects.

- Performing engineering calculations of cable tray fill, short circuit, voltage drop, protection sizing, etc., and design using both computer-aided and manual design techniques.
- Developing and validating electrical engineering deliverables such as single line diagrams, grounding layouts, area classification drawings, equipment/lighting/cable tray layouts, schematic diagrams, EHT drawings, standard installation details and equipment/motor lists.
- Specification, selection and bid-tab analysis of electrical equipment.
- Reviewing and verification of vendor drawings.
- Preparing schedules, estimates, progress reports, meetings, procurement, and material forecasts.
- Organizing/planning jobs, writing/reviewing specifications, preparing/maintaining schedules, and developing/monitoring estimates and manpower forecasts, assigning work, working with project/client/field, and material procurement and permit.
- Utilizing vendor data and working with personnel from other disciplines as required for the performance of designs.
- Coordinating with clients and field construction personnel as required.
- Performing squad check of vendor data and drawings from other disciplines.
- Performing self-check of completed work.
- Developing self-confidence and providing guidance to less experienced engineers.
- Applying pertinent codes, governing regulations, and industry practices, etc.
- Visiting project sites to ensure successful execution of project.
- Assisting in audits.

Our Ideal Candidate

- 5 to 10 years of Industrial Electrical Engineering.
- Bachelor's degree in Electrical Engineering is required.
- Registered with APEGA as a Professional Engineer.
- Demonstrated understanding of engineering theories and principles.
- Demonstrated knowledge of Canadian Electrical Standards/Code.
- Familiarity with a variety of industrial electrical design is required.
- Proficient with Microsoft Office Suite.
- Electrical construction and commissioning experience would be an asset.
- Able to communicate ideas and recommendations to non-engineer team members in a clear manner.
- Able to effectively communicate both verbally and in writing with all levels of the organization, including executives.
- Able to create cost effective alternative solution to problems.
- Able to work independently as well as part of a team.
- High level of sound and independent judgment and reasoning.
- Ability to interpret and implement company policies and procedures.
- The use of discipline specific software may be required.
- Intermediate computer and software skills to include the use of word processing and email as well as the intermediate use of spreadsheets.
- Mentor and train junior staff.

Application Instructions

ONEC Group is an equal opportunity employer. Positions are filled by means of open competition where the selection is based on job-related skills, training, experience, and suitability. Final candidates will be asked to provide references. The results of the reference check must be acceptable to ONEC Group. We

also consider different experience levels and knowledge and candidates with less experience may be considered for lower-level positions.

We thank all applicants in advance however only individuals selected for interviews will be contacted.

ONEC Group accepts resumes via online application at <http://onecgroup.com/careers/> or via email at hr@onecgroup.com. Please only submit in Word format.