

Intermediate Electrical Engineer or Design Technologist



Energy Efficiency and Renewable Energy generation designs are in high demand and we are responding by adding talented and driven individuals to our building engineering team. The Vital Engineering team is a key element of our energy centric group of companies and operates under the Vital Group of Companies (VGOC) banner. VGOC is an innovative vertically integrated energy consultancy with operations in Sherwood Park and Calgary.

To support our rapidly growing market, Vital Engineering is seeking an enthusiastic and motivated intermediate design engineer or technologist to join our team of professionals. The opportunity to join an established Alberta wide energy consulting firm will provide exposure to interesting, challenging and very rewarding projects in a dynamic and enjoyable environment.

The candidate is required to work well both individually and within an engineering team. Your exceptional organizational skills will help you prioritize tasks and you will be responsible for managing deliverables. Your high standards and attention to detail are reflected in your work and the result is a quality design. This immediate full-time position will expose the candidate to commercial, institutional, industrial, educational, and government projects in a sector with unparalleled opportunities for career growth and development.

The candidate will work closely with a Lead Project Manager/Engineer and be tasked with delivering projects from start to finish. This will include the full design of electrical, life safety and communication systems. The candidate must have great working knowledge of AutoCAD and Revit.

DUTIES AND RESPONSIBILITIES:

- Create drawings in both AutoCAD and Revit MEP
- Electrical systems design (Utility distribution, backup/standby power distribution, fire alarm systems, information technology systems, lighting and lighting controls, emergency egress and exit lighting, grounding and bonding, security systems)
- Design and project planning.
- Electrical drawing layouts and electrical details
- Design drafting and drawing management
- Coordination with other engineering disciplines
- Client and design team meetings
- Quality control
- Lighting calculations (AGI 32 is an asset)
- Construction administration duties

QUALIFICATIONS:

- Must have solid knowledge of AutoCAD & REVIT MEP
- Electrical consulting experience in the “Commercial” market is required.
- Minimum 3 years of Canadian experience in Buildings Electrical Design and Drafting
- Excellent organizational, computer, and communication skills
- Proficiency with Microsoft Excel and Word is required

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QUALIFICATIONS (Cont.):

- AGI32 experience would be an asset.
- ETAP experience would be an asset.
- PV design experience would be an asset.

Job Type: Full-time Salaried to commensurate with relevant experience

Experience:

- Canadian experience in Buildings Electrical Design and Drafting: 3 years (Required)

License:

- Professional Engineer P.Eng (EIT), or Certified Engineering Technologist (CET) designation from ASET (Required)

If you feel you are motivated to drive change and have the right skill-sets to be a part of our team, please email your resume and cover letter to hr@vgoc.ca and put the job title in the subject line. We thank all candidates whom apply however only those selected for the interview process will be contacted for the next steps in our recruitment process.

Vital Engineering is a part of the Vital Group of Companies. At Vital Group of Companies, we create and implement pragmatic energy solutions that balance leading energy and environmental practices with the unique needs of our clients by utilizing the specialized multi-disciplinary expertise of our companies. www.vgoc.ca