



Acero Engineering Inc. ("Acero"), a growing facilities engineering company providing engineering, procurement and construction management expertise is currently seeking a motivated and enthusiastic individual to fill a Contract role as a **3D Electrical Drafter/Designer**.

Acero is focused on facility and pipeline engineering, procurement and construction management services; from concept evaluation to plant start-up. Our core service offering is in-house project management, process, mechanical, electrical I&C engineering, project engineering, procurement, regulatory services and construction management.

Acero maintains a core belief that success depends on the development of long-term relationships, forged by providing clients what they ask for – which is not necessarily the same product across the board.

Our clients are typically looking for quick turnaround, flexibility and fit-for-purpose deliverables, with no unnecessary additional frills.

Why do employees stay at Acero? We provide a flexible and trusting team-oriented environment where hard work, discipline and honesty are encouraged and rewarded. We are driven to provide our clients with exceptional service.

Responsibilities:

- Ability to lay out 2D and 3D electrical trays and instrumentation.
- Understands electrical design for industrial applications including load calculations, cable sizing, power distribution, heat tracing, modular design, equipment specification, area classification, power system studies, instrumentation, and control philosophy.
- Understands the Canadian Electrical Code.
- Understands Process & Instrumentation Diagrams (PIDs).
- Understands required electrical deliverables and calculations for completing electrical designs for Oil and Gas projects.
- Maintain project drawing files and electronic drawings.
- Assure conformity to standards and execution of the work for Quality Assurance and Control.
- Adhere to procedures issued by company or client.
- Work to Standard & Typical Drawings as required.
- Meet drawing schedules and deliverables.
- Other tasks/responsibilities, as required.

Preferred Education, Experience and Skills:

- **Required:** Bachelor's Degree or Certificate from a recognized post-secondary institution in Electrical Design
- **Required:** CADWorx 3D experience
- **Required:** 5 – 10 years' related experience
- **Preferred:** 3D Raceway experience
- Proficient knowledge of the English language, written and verbal
- Familiarity with MS Office: Word, Excel, Teams
- Must be a team player and a self-starter
- Proven ability to work under pressure and meet tight timelines as occasionally demanded by our clients

Interested candidates may submit a cover letter and resume to: hr@aceroeng.com. No phone calls please.

Please reference "**3D Electrical Drafter/Designer**" in your cover letter and email subject line. Only those being actively considered for employment will be contacted. Only those who are qualified and who are legally authorized to work in Canada need apply.