



Electrical Engineer – I&C

(File Reference: EEIC-2013)

On behalf of our Client, a global company providing Fuel fabrication, distribution and infrastructure services to the Energy Sector, we are conducting a search for an **Electrical Engineer – Instrumentation & Controls**.

As an industry leader, our Client offers a very competitive total compensation package, a commitment to learning, and supports volunteer work to support the communities where we work and live.

Role Summary/Purpose	The candidate will be responsible for designing, implementing, installing, and commissioning new and modified control circuits.
Essential Responsibilities	<ul style="list-style-type: none">• Design, implement, install and commission new and modified control circuit of Nuclear Fuel Handling equipment• Experience with various I&C components, relay logic, AC/DC drive, VFD, and PLC/HMI• Assess present status of equipment and create technical documentation to support the electrical system installation and commissioning.• Must be able to work on their own initiative & within a team environment• Provide technical input for project proposals and estimates.• Review customer technical requirements & develop system-level and detailed project requirements.• Develop concept designs including descriptions and architectures suitable for inclusion at the proposal stage, as required.• Review and confirm quality requirements (levels, standards, categorization, and internal process standards).• Contribute to a Design Plan for each project and define tasks as inputs to the project schedule.• Produce project design deliverables, working with other engineering disciplines, as required.

POSITION PROFILE

- Ensure that all work is performed in accordance with the agreed quality process and within budget for each project.
- Perform required functions to support the project design effort through the fabrication, assembly, and test phases of a project.
- Provide technical contributions to project documentation.
- Participate in design reviews and project audits.
- Ability to present findings to the team and provide recommendations
- Provide on-site support for project commissioning, troubleshooting, or other technical functions related to equipment maintenance
- Proficient in the use of MS Office products such as Excel/Access/PowerPoint

Qualifications/Requirements

- 4-year electrical engineering degree or equivalent.
- Minimum 5-10 years' experience of working in I&C design or in electrical engineering support manufacturing.
- Must be familiar with the electrical safety regulation (ESA).
- Experience with creation/maintenance of technical documentation.
- Licensed Ontario professional engineer.
- Successful candidates will be required to be Security Cleared
- Good English communication skills – written and oral.

Desired Characteristics

- Design/test/QA experience with electrical or software for industrial control systems
- Design experience with CANDU technology.
- Familiarity with nuclear safety systems and their design, particularly containment or cooling systems for nuclear fuel.
- Strong knowledge of Nuclear safety and regulatory procedures.
- Engineering Change Control (ECC) experience.
- Good organization skills.
- Experience in Project Management methodology and project execution.

A competitive compensation package is on offer. For further consideration, highly qualified Candidates are invited to submit their resume information in confidence to (please quote the File Reference number above):

Selection & Recruiting Partner

Savino Human Resources Partners Limited

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