

Electrical Designer

Job Summary

The Electrical Designer will work in a multi-disciplinary branch providing integrated project management, engineering, design and construction services for nuclear and non-nuclear facilities at the Whiteshell (WL) site. Under general direction from the Branch Manager, the employee will contribute to the development of conceptual, preliminary and detailed designs of electrical power systems.

Canadian Nuclear Laboratories (CNL) employees perform all duties in accordance with established health and safety and regulations/guidelines, policies and procedures (i.e. utilizing personal protective equipment as per safe work procedures). Notifies management or supervisor of all occurrences, injuries, illnesses or safety and health concerns which are likely to harm themselves, their co-workers or any other on the premises in a timely manner and in accordance with established reporting requirements.

Qualifications

Education & Experience:

- Graduation from a recognized institute of advanced technology, or equivalent formal education and has more than eight (8) years of relevant technological experience.
- Secondary School graduation diploma or its equivalent and has more than 12 years of relevant experience, or the equivalent in experience, additional education and/or training.

Abilities and Skills

The incumbent should have:

- Must possess a strong knowledge of design drafting technique and practice.
- Possess knowledge and skills in drafting electrical drawings using computer aided drafting and design (CADD).
- Must be capable of producing neat, legible, and accurate drawings in a reasonable time.
- Proficiency in both written and oral communication is required.
- Good verbal and written communication skills are required. The successful candidate must be able to follow and implement complex procedures.
- Ability to work effectively in a multidisciplinary team and interact with staff at various levels of the organization.

- Solving and/or providing recommendations for technical issues.
- Interpreting marked up drawings.

Functions and Responsibilities

Functions and responsibilities include but are not limited to the following:

- Assigned as a design job leader including job management and execution oversight.
- Providing assistance in resolving identified issues to prevent or mitigate loss of schedule and budget.
- Provide job updates and status reports to management.
- Guiding the work of several technologists, coordinating schedules and assigning tasks to reach an overall objective within cost, quality and time requirements.
- Providing mentorship and technical oversight to junior technologists.
- Preparation of engineering drawings and related documents for electrical design.
- Revision of existing CADD and hand drawings.
- Revisions to Master Equipment Lists (MELs) to identify equipment removed from service.
- Engineering support during decommissioning activities.
- Checking the work of junior staff and providing guidance.

Please visit our website at www.cnl.ca for more information or to apply

The role is based out of CNL's Whiteshell location, which will be the designated workplace. CNL may require the candidate to travel from time to time, as necessary.

CNL is committed to providing an atmosphere free from barriers that promote equity, diversity and inclusion in achieving our mission. CNL welcomes and celebrates employees, stakeholders and partners of all racial, cultural, and ethnic identities.

CNL also supports a workplace environment and a corporate culture built on our Core Values: Respect, Teamwork, Accountability, Safety, Integrity and Excellence, which encourage equitable employment practices and career prospects inclusive of accommodations for all employees.

CNL is committed to being an equal opportunity employer. If you require accommodation measures during any phase of the hiring process, please inform the Talent Acquisition Advisor with whom you are in contact. All information received in relation to accommodation requests will be kept confidential.

CNL respectfully recognizes and acknowledges that the Whiteshell Site is located within the traditional territory of many Indigenous Nations, including those within Treaty 1, 3, and 5, and the homeland of the Red River Métis. CNL is thankful to have the opportunity to work on these traditionally and culturally significant lands and waterways.