



## **Maintenance Engineer - On-Site (2)**

### **Pinawa, Manitoba**

**Monday to Thursday (4 / 10 hour shifts from 6:00 a.m. to 4:30 p.m.)**

### **Job Summary**

The purpose of this position is to provide Electrical, Electronic and Instrumentation & Control engineering support to the Site Infrastructure organization. This position is essential to ensuring that technical work is executed properly and safely. The incumbent provides support for technically complex maintenance work, technical reviews of work plans, conducts engineering changes and acts as a subject matter expert for preventative maintenance changes.

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.

### Education

- A Bachelor degree (Honors) in Electrical Engineering or Applied Science from a university of recognized standing; and
- Or membership in an engineering or scientific professional organization authorized by statute to establish qualification for membership in that organization.

### Experience

- Significant related working experience; and
- Experience in maintenance planning, design, commissioning and/or operations experience in a plant or nuclear operating environment would be an asset.

### **Abilities and Skills**

The incumbent should have:

- Ability to work in a team environment, maintain a clear focus on team goals, and establish good rapport with groups and individuals of many diverse professions is required;
- General computer literacy in word processing, spreadsheet and database applications software is a requirement;
- Strong knowledge of Microsoft Access would be an asset;
- Must be a self-starter, with proven organizational and work planning skills and the ability to

work with minimum supervision;

- Experience in the management of small projects would be an asset;
- Must perform duties in a manner that promotes CNL's goals and objectives;
- Knowledge of CNL's operations, maintenance and projects;
- Basic knowledge of safety requirements within industrial operations;
- Knowledge of a Computerized Maintenance Management System would be an asset;
- Must be able to read and understand all types of engineering drawings;
- Knowledge of Canadian Labour Congress (CLC), CAN N286, ISO 9001 and Canadian Electrical Code (CEC) C22.1-15 standards would be an asset;
- Knowledge and understanding of CSA Z460 (CSA Lock Out Tag Out Standard) and Canadian Standards Association (CSA) Z462 or National Fire Protection Association - NFPA-70E (Workplace Electrical Safety);
- Initiative and judgement to organize and maintain flow of work and accuracy of records;
- Must be punctual, dependable and safety minded;
- Detail oriented with the ability to meet deadlines;
- Exceptional organizational skills, able to prioritize and time management is required;
- Ability to understand detailed information is essential;
- Demonstrates responsibility and is accountable for accurately handling the details associated with one's work;
- Conscientious about accuracy;
- Ability to adapt to a changing environment and response with initiative;
- Excellent interpersonal communication skills and proven ability to maintain successful working relations at all levels within the organization and with external stakeholders;
- Highly motivated and able to work with minimal supervision; and
- Able to work extended hours and off normal work shifts to support project needs.

## **Functions and Responsibilities**

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

- Produce, update, and upgrade maintenance documentation such as maintenance procedures and manuals, emergency procedures, safety documents, QA documents and other maintenance related documents;
- Identify, investigate, and solve maintenance problems;
- Support effective maintenance of the site;
- Provide work coordination support for maintenance activities;
- Provide review of internal work plans and replacement component documentation;
- Incorporate lessons learned from operating experience into the maintenance program;
- Plan and coordinate process improvements, upgrades, maintenance or repairs;
- Propose alternatives/improvements to the existing equipment and/or process to optimize the equipment performance;
- Act as a single point of contact on maintenance activities;
- Review designs, write and review work plans, generate and review preventive maintenance procedures, and provide field support to Maintainers;
- Perform/coordinate facility walk downs to improve preventive maintenance program;
- Optimize the maintenance program;
- Provide maintenance technical assistance to personnel involved in projects and non-standard

tests;

- Ensure maintenance activities are documented as required;
- Play a significant role in addressing and upgrading ageing system components with state-of-the-art replacements;
- Develop, revise when required, and deliver training on maintenance related activities;
- Perform on-call duty, if required;
- Assist in establishing and maintaining technical performance parameters of equipment and raes to meet product specifications;
- Assist in identifying and procuring replacement material and equipment;
- Support efforts to improve work processes and increase maintenance effectiveness;
- Provide support to resolve outstanding procedural requirements to support maintenance program;
- Support Maintainers as a technical resource;
- Interact effectively with Managers, Engineers, Supervisors, Operators and Skilled Trades;
- Assist with predictive maintenance program;
- Assist with Master Equipment List initiative;
- Act as a Technical Specialist in the development of preventative maintenance and change processes for preventative maintenance;
- Assist with Lock Out Tag Out /Order To Operate issues; and
- Maintain confidentiality in all matters.

Please visit our website at [www.cnl.ca](http://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 re-quests 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.

