Manitoba Hydro
energy for life

EMPLOYMENT OPPORTUNITY

Closing Date: 2026/10/05

Interrupting Equipment Maintenance Engineer (Electrical)

Winnipeg, MB

Manitoba Hydro is consistently recognized as one of Manitoba's Top Employers! We are a leader among energy companies in North America, recognized for providing highly reliable service and exceptional customer satisfaction. Join our team of Manitoba's best as we continue to build a company that champions safety, supports innovation, and delivers on our commitment to customer service - while actively fostering a diverse, equitable, and inclusive workplace reflective of the communities we serve.

Great Benefits

- Competitive salary and comprehensive benefits package.
- Defined-benefit pension plan for long-term financial security.
- Nine-day work cycle, typically resulting in every other Monday off to support a balanced approach to work, family life and community.

Position Overview:

We are seeking an Interrupting Equipment Maintenance Engineer (Electrical) to join our Maintenance & Operations Engineering Support (MOES) Department. Under the general direction of the Section Head of MOES Electrical Section A or delegate, will be responsible for providing technical expertise on the maintenance, condition monitoring, overhaul, repair and replacement of interrupting equipment while maintaining safe, economic and reliable operation of Transmission, Distribution, Converter and Generation assets.

Responsibilities:

- Provide technical leadership, support, training and guidance to operational technical staff in the maintenance, testing, commissioning and operation of interrupting apparatus.
- Work with Operations, Asset Management and Engineering departments to identify needs, prioritization and project scope requirements for future maintenance and capital investment.
- Perform root-cause analysis and provide recommended failure prevention measures on equipment forced outages.
- Analyze failure investigations and repair methods and create test plans for the restoration of failed equipment.
- Participate in scope development and prepare condition assessments, technical specifications, recommendations, and estimates for interrupting apparatus.
- Evaluate and support maintenance programs and procedures used for repetitive field maintenance, testing and commissioning. Participate in maintenance plan reviews to align maintenance on interrupting equipment in the corporation.
- Conduct studies and prepare reports regarding the repair or replacement of particular apparatus taking into account reliability, economics and life expectancy.
- Analyze tenders/quotations and prepare recommendations for the purchase or repair of the apparatus and parts to ensure compliance with specifications and evaluate alternatives to determine best business case solutions.
- Develop maintenance emergency spare stock and parts criteria taking into account the installed base, failure rates, cost, availability and upcoming maintenance.
- Work with external suppliers, contractors and consultants to ensure that the apparatus and installation meets performance requirements.

Qualifications:

- Graduate in Electrical Engineering from a university of recognized standing with a minimum of six years of relevant experience, which includes a minimum of three years of field experience directly related to the design, operations and/or maintenance of interrupting equipment.
- Must obtain and maintain a current Personnel Risk Assessment and a "Clear" security rating in accordance with Manitoba Hydro policy P513.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).

- Critical Infrastructure Protection (CIP) training is required and must be completed prior to transfer date and renewed annually.
- General knowledge in the standards, theory, maintenance, testing, and operation of interrupting and related equipment.
- Comprehensive practical experience and detailed working knowledge of the operation and maintenance of equipment in transmission, distribution, generating and/or HVDC converter stations.
- Have an understanding of maintenance principles, maintenance standards, task templates, practices and procedures relating to responsible equipment.
- Experience in developing maintenance standards and strategies based on industry best practices and/or RCM methodologies.
- Prepared to travel and remain at work sites for extended periods of time in performance of duties on short notice.
- Safety conscious and knowledgeable about corporate safety rules and regulations.
- Self-motivated to carry out assigned duties with minimum supervision.
- Demonstrated aptitude and capability for providing technical support to field staff.
- Familiar with, SAP PM (EAM), Documentum, Matlab, PSCAD, AutoCAD and Microsoft Office applications.
- Possess and maintain a valid class 5 Manitoba Driver's Licence.
- Required to travel by all modes of transportation i.e. air, land and water.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is $48.74-$67.29 Hourly, $93,398.24-$128,947.78 Annually.

Apply Now!

Ready to join a team that energizes Manitoba and puts safety, innovation, and inclusion at the heart of everything we do? Visit www.hydro.mb.ca/careers to learn more about this position and to apply online.

Application deadline: OCTOBER 5, 2026.

We appreciate your interest in Manitoba Hydro and thank all applicants. Only those selected for the next stage of the selection process will be contacted.

If you require accommodations during the recruitment process or need this posting in an accessible format, please let us know - we're committed to a barrier-free experience for all candidates.

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