



## EMPLOYMENT OPPORTUNITY

**Closing Date:** 04.11.2024

### MAINTENANCE ENGINEER

### WINNIPEG, MB

Manitoba Hydro is consistently recognized as one of Manitoba's Top Employers!

#### **Great Benefits**

- Competitive salary and benefits package.
- Defined-benefit pension plan.
- Nine-day work cycle which normally results in every other Monday off, providing for a balanced approach to work, family life and community.
- Flex-time and partially remote work schedule (providing the option to work remotely 3 days per 2 week period), depending on nature of work, operational requirements and work location.

Manitoba Hydro is 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 supports innovation, commitment, and customer service, while actively supporting a diverse, equitable and inclusive workplace.

We are seeking a Maintenance Engineer to work in Maintenance & Operations Engineering Support Department. Under the general direction of the MOES Mechanical Section Head or delegate, you will provide engineering support for all energy stream assets, with a focus on Generating Stations to ensure safe, economic, and reliable operations. Mechanical Engineering will be applied toward innovative problem solving, root cause analysis, maintenance program development, commissioning, application of predictive monitoring technology, project scope development and budgeting.

#### **Responsibilities:**

- Participate in scope development and prepare condition assessments, technical specifications, recommendations, estimates, and commissioning procedures for the energy stream assets.
- Perform site inspections and investigations to gather project information.
- Participate or lead commissioning and final performance testing for new, repaired, or refurbished systems/equipment.
- Provide mechanical engineer support for new installations, rehabilitation, up-grades, and maintenance of energy stream assets.
- Lead various working groups through specific work assignments such as installation of new equipment or refurbishments, equipment assessments, testing and commissioning.
- Lead the creation of Maintenance Procedures and Maintenance change requests in collaboration with the applicable Operations & Maintenance Staff and Asset Management.
- Prepare engineering drawings for mechanical systems in compliance with design criteria, industry standards, and regulatory requirements.
- Perform engineering analysis to improve operation of energy stream assets and to determine the causes of equipment failure and recommend appropriate action.
- Analyze equipment operating data and evaluate overall effectiveness of maintenance programs and functional design.
- Analyze Force Outage Reports and complete root cause analysis and reporting.

#### **Qualifications:**

- Graduate of a Bachelor of Science in a Mechanical Engineering program from a university of recognized standing plus a minimum of six years' experience, which includes a minimum of three years of directly related experience in the field of generation, transmission, distribution, or the conversion of electricity.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- In depth knowledge of safety, mechanical engineering standards, regulatory requirements, codes, and practices, including general knowledge of Inspection and Technical Services Manitoba (ITSM).
- Working knowledge and understanding of the operation of hydraulic generating stations.
- General knowledge of non-destructive examination, metallurgy, heat treating, materials selection, common welding processes

and techniques (SMAW, FCAW, GMAW, and GTAW), and their technical parameters.

- Proven ability in planning, organizing, and directing engineering work involving internal and/or external technical personnel.
- Experience in Equipment Commissioning, Specification Writing and Equipment Overhauls will be considered an asset.
- Must obtain and maintain a current Personal Risk Assessment and a "Clear" security rating in accordance with Manitoba Hydro policy P513.
- Willing to travel and remain at work sites for extended periods of time throughout Manitoba as required.
- Physically able to perform duties that require mobility while working at elevations and confined spaces.
- Possess a valid Province of Manitoba Driver's licence.
- Required to travel by all modes of transportation i.e. air, land and water.

**NOTE:**

- This position requires travel by air, and you will be required to confirm that you are able to meet Transport Canada's requirements for air travel, as they may be amended from time to time.

**Salary Range**

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$46.06-\$63.58 Hourly, \$88,251.02-\$121,841.46 Annually.

**Apply Now!**

Visit [www.hydro.mb.ca/careers](http://www.hydro.mb.ca/careers) to learn more about this position and to apply online. The deadline for applications is **NOVEMBER 4, 2024**.

We thank you for your interest and will contact you if you are selected for an interview.

***This document is available in accessible formats upon request. Please let us know if you require any accommodations during the recruitment process.***

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