



EMPLOYMENT OPPORTUNITY

Closing Date: 28.01.2025

MECHANICAL 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 Mechanical Engineer to work in the Generation Design Department. Under minimal supervision, the Mechanical Engineer will work in a team environment with engineers and technical support staff on a wide range of machine design, stress analysis, technical specification and standards development, contractor proposal evaluation, and quality assurance. These responsibilities are primarily associated with the design of generation assets, such as turbines, generators, and associated auxiliaries in generating stations.

Responsibilities:

- Participate on project teams and may take a lead role on small projects.
- Design reliable machinery, equipment, and systems using knowledge of the following mechanical engineering theories: Stress Analysis, Finite Element Analysis, Fatigue Analysis, Fastener Design, 3D Modeling and Drafting, and Weld Design.
- Participate in scope development and prepare studies, technical specifications, recommendations, design calculations, design packages, estimates, manuals, commissioning procedures, and other various engineering deliverables for generation assets.
- Liaise with stakeholders for correlation of design data, drawing preparation, and purchase/delivery of equipment.
- Prepare technical specifications and provide support for the procurement of contracts.
- Review and approve shop and design drawings to ensure they meet design criteria, industry standards, and regulatory requirements.
- Perform site inspections and investigations to gather project information.
- Provide construction support for the enterprise's generating facilities, including new installations, rehabilitation, upgrades, and maintenance of existing generation assets.
- Lead small teams through specific tasks, such as equipment commissioning tests.

Qualifications:

- Graduate in Mechanical Engineering from a university of recognized standing with a minimum of four years of related experience.
- Professional member in good standing with Engineers Geoscientists Manitoba.
- Basic knowledge of engineering, safety, and environmental standards, codes, and practices.
- Ability to design machinery, including basic knowledge of and experience performing stress analysis, finite element analysis, fatigue analysis, and joint design (fasteners and welds).
- Demonstrated ability to work collaboratively and effectively with others and participate on project teams.
- Demonstrated ability to plan and organize concurrent work assignments.
- Capable of communicating effectively, both orally and in writing.
- Must have strong software skills in standard Microsoft applications.
- Required to travel by all modes of transportation, i.e., air, land, and water.

- Possess and maintain a valid Class 5 Province of Manitoba Driver's Licence.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$43.44-\$59.95 Hourly, \$83,247.84-\$114,870.60 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online. The deadline for applications is **JANUARY 28, 2025**.

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.