



EMPLOYMENT OPPORTUNITY

Closing Date: 2025/10/21

CIVIL & LINEAR ASSET RISK 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 Civil & Linear Asset Risk Engineer to join our Asset Information & Risk Management Department. Under the general direction of the Asset Risk Management & Monitoring Section Head, you will take professional responsibility for quantifying the energy system risks of the corporation's civil and linear assets. Civil and linear assets from all energy systems including, but not limited to, natural gas stations, pipeline and services, water control and earthworks, superstructures and gate operations, tower structures and poles, buildings that support energy delivery, line and cables and duct lines, cables trenches, trays and vaults.

Responsibilities:

- Closely collaborate with Asset Lifecycle Delivery, Lifecycle value Optimization, Asset Management Strategy and Dam Safety while leading risk assessment initiatives.
- Enhance established methods and implement improved innovative methods to quantify asset system risks and analysis required for risk quantification.
- Perform root cause analysis with advanced analytical techniques to enhance understanding of ultimate civil and linear asset risks drivers and emerging risks in other cross-functional areas.
- Establish and seek approval from senior management for tolerances for asset health and risk, work closely with Asset Lifecycle Delivery to implement trend analysis and estimate future asset health and risk for a long-term scanning horizon.
- Operate and make decisions in the face of uncertainty, including the performance of risk assessments with incomplete information and developing methods for incorporating subject matter expertise through close collaboration with Operations, Engineering and Asset Management.
- Initiate research to ensure high quality of the Asset Risk Framework by investigating best practices and concepts from internal and external groups and provide recommendations to improve the Asset Risk Framework.
- Provide clear and concise asset risk documentation to Asset Lifecycle Delivery, Dam Safety, Enterprise Risk Management and other customers to assist with the interpretation of risk results and understand longer term needs.
- Act as an internal consulting specialist in risk modeling to support internal customers on an as-needed basis and advise leaders on major risk drivers.
- Represent Manitoba Hydro in projects with asset risk consultants and industry groups.

Qualifications:

- Graduate in Engineering from a University of recognized standing with a minimum of seven years' related experience, including three years' experience in a risk management, project management or change management leadership role.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Three years' Engineering experience related to the natural gas, water control, earthwork structures, structures and foundations, transmission lines or distribution lines assets.

- Demonstrated ability to communicate effectively with personnel at all levels inside and outside the Corporation with diplomacy.
- Demonstrated ability to perform in a coordinating role effectively in a cross-disciplinary team environment.
- Demonstrated working knowledge of risk concepts, including quantitative risk analysis techniques, failure modes and effects analysis, event tree analysis or the Corporate Value Framework.
- Self-motivated with the desire and demonstrated ability to keep abreast of significant developments in risk assessment techniques, practices and software.
- An Institute of Asset Management Certificate in Asset Management would be considered an asset.
- Previous experience with GIS software, database programming, data aggregation and energy system information databased is considered an asset.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$51.34-\$70.34 Hourly, \$98,380.88-\$134,784.78 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online.

The deadline for applications is OCTOBER 21, 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.