



EMPLOYMENT OPPORTUNITY

Closing Date: 09.06.2026

HVDC Civil Maintenance Engineer **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 a HVDC Civil Maintenance Engineer to join our Maintenance Engineering Operations Support Department. Under the general direction of the Civil Infrastructure Management & Maintenance Section Head, will be responsible for providing civil/structural engineering support, to maintain, operate, upgrade, rehabilitate and enable Manitoba Hydro to make effective asset management decisions on infrastructure within HVDC stations, AC switch yards and generating facilities. Apply Engineering methods towards innovative problem solving, root cause analysis, maintenance review, predictive monitoring programs, project scope prioritization & development, cost estimating, asset condition assessment, and risk analysis.

Responsibilities:

- Manage a portfolio of capital and maintenance projects. Prepare project scope and technical specification documents for tendering, analyse tenders and make recommendations for the awarding of contracts for ongoing civil work requirements.
- Prepare, coordinate and monitor cost estimates, justification documents and support data for civil maintenance and capital work budget preparation and control using existing accounting and scheduling software.
- Assist in the coordination of required civil engineering design modifications and new designs with the appropriate design departments to meet civil maintenance engineering department requirements and standards for hydraulic and thermal generating facilities, staff houses, townsites and other Corporate facilities.
- Assist in the administration of contracts pertaining to repairs of civil structures, in conjunction with other section staff, other departments or divisions providing inspections and construction management on site.
- Provide technical guidance and engineering support to other section technical staff and site staff.
- Direct Consultants providing design and/or inspection services.
- Assist in developing lifecycle asset management plans for civil assets.
- Assist in the coordination, review and monitoring of the safety surveillance and repair programs pertaining to concrete and earthwork hydraulic structures.
- Perform investigative studies and prepare reports on fixed civil assets, dealing with operation, modification, repair or replacement options to assist in the management of capital and maintenance expenditures. Prepare detailed inspection schedules for buildings and facilities.
- Duties will require frequent trips to all of Manitoba Hydro's HVDC Stations and to all of Manitoba Hydro's hydraulic and thermal generating stations.

Qualifications:

- Graduate in Civil Engineering from a University of recognized standing and a minimum of six years related civil or structural design experience.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Demonstrated structural design experience in steel, reinforced concrete, and anchor bolt design. And preparation of

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specifications and drawings for the same.

- Demonstrated experience in construction, repair, and commissioning of civil & structural assets.
- Knowledge of construction procedures and techniques as related to large civil structures.
- Understanding of the Institute of Asset Management (IAM) conceptual model.
- Previous supervisory experience would be considered an asset.
- General knowledge of passive and active fall protection systems would be an asset.
- Demonstrated ability to cooperate and liaise with employees at various levels, site and field staff, contractors, consultants, suppliers and others.
- Have basic working knowledge and appreciation of other fields of engineering and other disciplines related to maintenance engineering.
- Possess a good working knowledge of engineering economics and business case analysis.
- Well organized and be adept at and scheduling a heavy workload in an environment of changing priorities.
- Mature judgement, the ability to accept and complete multiple assignments and be capable of directing and motivating others.
- Thorough knowledge of Corporation policies, procedures, and regulations and an appreciation of external environmental and safety regulations.
- Field experience would be an asset.
- Possess and maintain a valid class 5 Province of Manitoba Drivers Licence.
- Required to travel by all modes of transportation i.e. air, land and water.

NOTE: May be required to work at other locations within the province for limited durations, and where transportation between these sites may be by small aircraft.

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: JUNE 9, 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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