



EMPLOYMENT OPPORTUNITY

Closing Date: 2026/08/10

Structural Design 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 Structural Design Engineer to join our Transmission Overhead & Civil Engineering department. Under the direction of their supervisor and within a team environment of engineers and technical staff, assist in preparing designs, drawings, studies, and estimates for new construction, upgrading, restoration, and maintenance of Transmission Civil Infrastructure.

Responsibilities:

- Under minimal supervision, perform analysis and designs for new construction, upgrading, restoration, and maintenance of structures and foundations for substations, overhead transmission, microwave communication, and other civil infrastructure.
- Liaise with customers to establish a working knowledge of immediate business requirements and improve overall effectiveness in project implementation.
- Assist with quality control inspections at manufacturers' plants and to ensure conformance of fabrication with design.
- Conduct site visits to various construction sites to provide technical direction and support to field personnel and to assist in resolving related problems.
- Assist with investigations to monitor the condition of existing civil infrastructure, help prepare detailed technical studies and reports, and provide input on recommendations for remedial measures as required to support the quantification of asset system risks.
- Undertake an ongoing development of technical knowledge by researching technical publications.

Qualifications:

- Graduate in Civil Engineering from a university of recognized standing with a minimum of four years of engineering experience.
- Professional member in good standing with Engineers Geoscientists Manitoba (or willingness and ability to attain within a specified amount of time).
- Basic knowledge of structural engineering design, codes, standards, and practices.
- Demonstrated previous experience in the structural design and analysis of steel and concrete structures would be considered an asset.
- Demonstrated previous experience with PLS Cadd, PLS Tower, and/or PLS Pole software would be considered an asset.
- Knowledge of construction procedures, techniques, and materials related to foundations and structures used in substations, overhead transmission, microwave communications, and other civil infrastructure would be considered an asset.
- Demonstrated previous experience in the inspection of materials and fabrications would be considered an asset.
- Demonstrated previous experience in the inspection of existing or newly constructed civil infrastructure with the ability to provide sound guidance and technical assistance to others would be considered an asset.
- Demonstrated ability to work collaboratively and effectively with others.
- Capable of communicating effectively, both orally and in writing.
- Good knowledge of Corporate policies, procedures and regulations.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the Professional Engineer II classification is \$44.75-\$61.75 Hourly, \$85,745.40-\$118,316.64 Annually. The range for the Engineer-in-Training classification is \$33.48-\$47.12 Hourly, \$64,162.80-\$90,284.22 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: AUGUST 10, 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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