



EMPLOYMENT OPPORTUNITY

Closing Date: 26.11.2024

TECHNICAL ASSISTANT 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 Technical Assistant to work in the Transmission Overhead & Civil Engineering Department. Under the direction of the Structural Design Engineer and within a team environment of engineers and technical staff, you will perform engineering design and analysis, as well as work with and prepare engineering drawings for the new construction, upgrading, restoration, and maintenance of Transmission Civil Infrastructure.

Responsibilities:

- Design project elements as directed and analyse moderately complex engineering problems using standard tools and methods on projects related to structures and foundations for substations, overhead transmission, microwave communication, and other civil infrastructure.
- Determine the arrangement of components and connections and confirm material requirements based on information received for equipment drawings and specifications.
- Independently prepare engineering drawings in accordance with Enterprise/Industry Standards and drafting best practices using two- or three-dimensional drafting software, liaising as required with internal departments and, under limited supervision, external fabricators.
- Perform moderately complex calculations required for the preparation of detailed engineering drawings and bills of material, including exact dimensions, locations, quantities, weight take-offs, and all other information necessary for each individual component to be fabricated and constructed in accordance with its design.
- Under limited supervision, respond to queries related to material procurement and construction.
- Assist with training of junior staff, including preliminary review of drafting work.
- Contribute to the development of best drafting practices.
- Conduct or lead field trips to determine site conditions, perform field assessments, evaluate work required, and assemble design data.
- Conduct quality control inspections at manufacturers' plants to ensure conformity of fabrication with design.

Qualifications:

- A two-year diploma in Civil Engineering Technology from an institute of recognized standing and two years of directly related experience.
OR
- Grade 12 graduation and a one-year certificate in Civil Technician or Drafting/CAD from an institute of recognized standing and three years of directly related experience.
- Demonstrated proficiency in designing project elements and analysing moderately complex engineering problems.
- Demonstrated proficiency in using AutoCAD and other personal computer applications, including Microsoft Office.
- Demonstrated previous experience with BoCAD or Advance Steel 3D modelling software would be considered an asset.

- Demonstrated ability to assemble data with accuracy and care, and perform accurate calculations related to material quantities using appropriate mathematical tools and concepts.
- Demonstrated ability to effectively conduct or lead field trips for the purpose of determining site conditions, performing field assessments, evaluating work required, and assembling design data.
- Demonstrated ability to communicate effectively with others, including internal customers and drafting groups, fabricators, and contractors.
- Good knowledge of the Corporate drawing management system.
- Working knowledge of Transmission Civil Infrastructure and basic knowledge of relevant design standards.
- Advanced knowledge of fabrication and construction methods related to Transmission Civil Infrastructure.
- Demonstrated initiative to maintain and upgrade technical knowledge, including learning to use new software as required.
- Good knowledge of Corporate policies, procedures and regulations.
- 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 \$31.94-\$44.18 Hourly, \$61,202.96-\$84,652.88 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online. The deadline for applications is **NOVEMBER 26, 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.