



EMPLOYMENT OPPORTUNITY

Closing Date: 2024/02/20

ENGINEERING TECHNICIAN THOMPSON

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.

We are seeking an Engineering Technician to join our Waterway Approvals & Monitoring Department. Under the direction of the Hydrometric Survey Supervisor conduct various hydrometric, physical, and aquatic environment and land-based surveys including associated analysis, reporting, and supporting activities along rivers and lakes that constitute Hydro's hydraulic network. **This is a 12-month term position with full time hours.**

Responsibilities:

- Implement long term water quantity (hydrometric) and meteorological monitoring and reporting activities that support operational and licencing requirements, hydro-technical studies, and environmental monitoring programs.
- Install and maintain a network of real time electronic Environmental Data Acquisition Platforms and their associated sensors. Tasks include programming loggers and sensors, establishing real-time telemetry, data management and field calibration measurements.
- Carry out long term physical water quality monitoring and reporting activities including determining suspended sediments, conductivity, bed load transport, surface and sub- surface erosion and sedimentation rates that support Hydro's various construction and environmental monitoring and protection programs.
- Perform hydro-acoustic surveys for determining water velocities, discharge and bathymetry including erosion and sedimentation measurements.
- Perform GPS surveys for determining vertical and horizontal reference.
- Following established standards and protocols, undertake data analysis, computations and reporting using advanced software on a wide variety of environmental parameters.
- Maintain detailed field notes and prepare reports on filed activities.
- Responsible for the day-to-day monitoring deliverables of an assigned area of operation including job planning, safety awareness, cost control and routine administrative duties.
- Maintain effective communication and liaison within the work group and other related areas of the Corporation.

Qualifications:

- Successful completion of a two-year diploma in Environmental or Physical Science, Geomatics, Civil Engineering or Natural Resource Management Technology from an institute of recognized standing plus a minimum of one year of directly related experience.
OR
- Grade 12 and completion of a certificate program in any of the above disciplines, and two years of directly related experience.
- Work skills and experience will include:
 - Knowledge of data collection standards and methodologies related to water quantity and quality, bathymetric, meteorological, conventional and GPS based surveying.

- Knowledge of digital sonar sounders, GPS equipment, acquisition of bathymetric data as well as acoustic doppler current profilers (ADCP) and other hydrometric metering/monitoring systems.
- Possess an understanding of coordinate systems and vertical datum.
- Experience with programming, installing, and maintaining electronic data acquisition systems.
- Knowledgeable in corporate safety rules, procedures and regulations related to the job.
- Demonstrated initiative and mature judgment, with the ability to make and implement sound decisions.
- Possess strong interpersonal skills and be capable of effectively communicating orally and in writing.

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$29.05-\$ 39.45 Hourly, \$55,665.74-\$75,591.36 Annually.

Apply Now!

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

The deadline for applications is FEBRUARY 20, 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.

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