



EMPLOYMENT OPPORTUNITY

Closing Date: 14.01.2025

CYBER SECURITY 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 permanent Cyber Security Engineer to join our Control Centre Technology Systems Department in Winnipeg, Manitoba.

Responsibilities:

- Participate in the planning, design, ongoing development, engineering analysis and support, coordination, implementation, maintenance, security, operation, and monitoring of EMS and OT data systems within the system control centres.
- Responsible for leading the support, maintenance, architecture, and evolution of Security Information and Event Monitoring (SIEM), Configuration Management Database (CMDB), and related applications at the control centre.
- Assist in the development and execution of the System Support NERC Critical Infrastructure Protection (CIP) compliance program.
- Lead System Operations staff to map complex work and compliance processes for analysis and optimization. Implement, deploy, and support optimized processes leveraging the CMDB, SIEM, and Change Management systems.
- Apply DevSecOps principles wherever possible in the development, testing, and maintenance of supported systems.
- Provide maintenance and support for all categories of applications used by System Control and related departments at the control centre.
- Keep abreast of data and data system advances applicable to EMS and OT systems.
- As required, provide 24-hour support (standby) to the System Control Centre as part of the EMS Infrastructure and Applications on-call rotation.

Qualifications:

- Graduate in Electrical or Computer Engineering from a university of recognized standing with a minimum of four years of related engineering experience.
- Membership in Engineers Geoscientists Manitoba.
- Critical Infrastructure Protection (CIP) Training is required and must be completed no later than two weeks after the start date.
- Must have completed Standards of Conduct training, or be willing to complete within two weeks of start date.
- Obtain and maintain a current Personnel Risk Assessment and a "Clear" security rating in accordance with Manitoba Hydro policy P513.
- Demonstrated effectiveness in performing engineering analysis, developing solutions, and integrating software solutions and software development best practices. Demonstrated effectiveness in providing technical guidance and problem management skills to the ongoing operations of computer systems.
- Demonstrated experience in the support and maintenance of products such as Splunk, SQL Server, Serviceaide (ChangeGear), Visual Studio .Net, PowerShell, Internet Information Server, VMware, SANs, scripting tools, and utilities would be an asset.

- Demonstrated effectiveness in providing technical guidance and problem management skills to the ongoing operations of computer systems.
- Demonstrated knowledge of NERC CIP standards and compliance.
- Demonstrated ability to handle several concurrent tasks in an efficient and organized manner.
- Demonstrated ability to establish and maintain successful working relationships with external and internal contacts in multiple departments and positions.
- Demonstrated initiative and enthusiasm in handling involved and complex technical problems.
- Adept in the latest technological developments, continuously updating and maintaining technical knowledge in keeping with the changing technology. Be a leader in optimizing complex work processes through technology innovation.
- Must be willing to work long and unusual hours as part of standby rotation.
- Possess a valid Manitoba Driver's Licence.

Notes:

- **The successful applicant will reside within the Winnipeg headquarters zone or within a 20 minute travelling distance from the assembly point during the periods of standby. In the event that this requirement causes the employee to incur incremental costs during periods of standby, such costs will be the employee's responsibility.**
- **Notwithstanding the above, it continues to be the Corporation's preference for employees to regularly reside within the Winnipeg headquarters zone or within a 20 minute travelling distance from the assembly point.**

Salary Range

Starting salary will be commensurate with qualifications and experience. The range for the classification is \$43.44-\$59.95 Hourly, \$83,247.84-\$114,870.60 Annually.

Apply Now!

Visit www.hydro.mb.ca/careers to learn more about this position and to apply online. The deadline for applications is **JANUARY 14, 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.

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