

Informative Note: 2-024

Use of approved equipment

Issue Date: September 4, 2019

Based on Manitoba Electrical Code (2018) 13th edition

This informational sheet is designed to help you choose the proper equipment to be installed in Manitoba.

Every effort has been made to ensure the accuracy of the information being provided. However, in the event of a discrepancy between this informative note and the governing Manitoba Electrical Code, The Manitoba Electrical Code shall take precedence.

Remember, the Manitoba Electrical Code is constantly being updated. Be sure to familiarize yourself with the latest code requirements before you begin your installation.

To avoid delays in the use of your electrical installation be sure all your equipment is approved for use and for the specific type of use in Canada and that it is marked appropriately. The following is the equipment approval clause from the Manitoba Electrical Code.

Manitoba Electrical Code reference:

2-024 Use of approved equipment:

- 1) Electrical equipment used in electrical installations within the jurisdiction of the inspection department shall be approved and shall be of a kind or type and rating approved for the specific purpose for which it is to be employed.

- 2) Notwithstanding subrule 1), equipment described in rule 16-222 1) a) shall not be required to be approved

Note: you will know your equipment is approved for use in Canada if it is bearing the mark of an acceptable certification organization or inspection body.



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Having approved equipment is only one of the requirements. The other requirement is that the equipment is being used for the purpose it was approved for. It is important you understand the standards against which your equipment was approved, as this will define its intended use and the limitations of its approval.

If your equipment is not approved for use in Canada, or you are intending to use it for a different purpose than it was approved, you must contact a certified organization accredited by the Standards Council of Canada to discuss options for approving its use. You will need to provide this organization with all manufacturer specifications, engineered drawings, and description of its intended use.

If your equipment was built to order, manufactured singly or in small quantities, or in some way other than a regular line of manufacture, then you must obtain a field approval or a special acceptance of the equipment before it is permitted to be energized and used.

If you are ordering specialized equipment manufactured for a particular purpose, please ensure you discuss these approval requirements with the factory before you make the purchase, to ensure it leaves the factory with the appropriate approval markings.

If you are ordering your equipment from outside of Canada, please review the equipment certification and ensure it is one that is acceptable to the authority having jurisdiction before finalizing the order and installing the equipment.

If your equipment is on site and does not meet the approval requirements (i.e. does not bear the mark of an acceptable Certification organization, or is not being used for its approved purpose) you will have to apply for a field approval or a special acceptance from an acceptable inspection body before it can be energized or used.

If your equipment is not approved for use or for the specific type of use in Canada and is not marked appropriately you will not be permitted to energize it. So to avoid project delays you must review equipment approvals with your manufacturer or sales organization to ensure all requirements have been met.



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Most equipment is eligible for field approval or special acceptance in the field, however there are exceptions. If you must purchase unapproved equipment, contact an inspection body early to discuss your options.

Note: conductors and wiring are not eligible for special acceptance in the field, so it is very important all conductors are approved and marked correctly before leaving the factory.

Although Manitoba Hydro does not perform field approval or special acceptance services it does recognize a number of Certification Bodies (CBs) and Inspection Bodies (IBs) to provide certification, field approval, and special acceptance services for electrical equipment.

[Read Bulletin OFC 18 012.](#)

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