

Information Bulletin

Electrical Engineering Required

Engineering is required for electrical drawings and installations for all Part 3 buildings.

Clause 8(1)(b) of the Winnipeg Electrical By-law requires that a professional engineer entitled to practice in the Province of Manitoba, and skilled in the area of work, be responsible for electrical drawings and for supervision and certification of the electrical installation for all Part 3 buildings as defined by the Manitoba Building Code (MBC).

This applies to:

- new construction
- additions 15% or greater than the existing building*
- alterations when a change of occupancy is desired*

*Smaller additions and alterations where there is no change of occupancy may require engineering if deemed necessary by the designated employee.

See Subsection 8(1) of the Winnipeg Electrical By-law: <https://dmis.winnipeg.ca/ByLaws>

MBC

As noted in Sentence 1.3.3.2.(1) of Division A of the MBC, Part 3 applies to:

- a) all buildings used for major occupancies and classified as
 - i. Group A, assembly occupancies,
 - ii. Group B, care or detention occupancies, or
 - iii. Group F, Division 1, high hazard industrial occupancies, and
- b) All buildings exceeding 600m² in building area or exceeding 3 storeys in building height used for major occupancies classified as
 - i. Group C, residential occupancies
 - ii. Group D, business and personal services occupancies,
 - iii. Group E, mercantile occupancies, or
 - iv. Group F, Division 2 and 3, medium and low hazard industrial occupancies.