

Radon Requirements for Part 9 Residential Occupancies

Building Services Information Sheet

17 January 2025

What is Radon?

Radon is a naturally occurring radioactive gas that is part of the decay chain of uranium, which is found in soil, rock, and water. It is odorless, colorless, and tasteless, making it undetectable without specialized equipment. Radon becomes a concern when it accumulates in enclosed spaces, such as homes, buildings, and mines, reaching levels that may pose health risks.

2024 Ontario Building Code Requirements (Effective Jan 1, 2025)

Radon requirements have been increased in the 2024 Ontario Building Code. Article 9.13.4.2. requires all buildings containing part 9 residential occupancies shall be provided with the rough-in for radon extraction conforming to 9.13.4.3.

Building Permit Application Requirements

Additional information about the radon extraction rough-in will be required when a building permit application is submitted. Drawings shall provide details on how the radon rough-in is to be installed in accordance with Article 9.13.4.3.

Building Permit Inspections

Typically, the radon rough-in will be inspected in two steps: (1) during the underground drains inspection (verifying the granular fill) and (2) during the interior final inspection (verifying airtight cap, sealed membrane and proper labeling).

Where a radon extraction rough-in is proposed in a crawl space, the first radon rough-in will be inspected at time of the air barrier inspection.

