



Radon Mitigation Form

Updated: July 13, 2023

As required in the Ontario Building Code, Article 9.13.4.1 "Soil Gas Control", where the proposed construction of a house, semi-detached house, townhouse, or residential addition includes a floor system in direct contact with the ground. Radon Mitigation is required to be addressed in conformance with MMAH Supplementary Standard SB-9, "Requirements for Soil Gas Control".

A. Project Information

Street Address:

Unit No.

Lot/Con.:

Project Type: Single Detached Dwelling Semi-Detached Dwelling Townhouse Residential Addition

B. Applicant Information

Last Name:

First Name:

C. Radon Mitigation Method – Please indicate which of the three Radon Mitigation options will be utilized:

OPTION 1: Soil Gas Barrier System

- 6 mil polyethylene under concrete floor
- 6 mil polyethylene between concrete floor and separate floor over the slab
- Perimeter of concrete slab and all penetrations through the slab shall be sealed

OPTION 2: Subfloor Depressurization, (Full installation)

- Minimum 100mm (4") pipe installed at or near center of floor area
- Increase amount of granular under the floor at pipe inlet location
- Pipe extended to exterior of the building
- System must include an in-line fan

OPTION 3: Subfloor Depressurization, (Rough-in only)

- Minimum 100mm (4") pipe installed at or near center of floor area
- Increase amount of granular under the floor at pipe inlet location
- Pipe to extend above floor with removable seal pipe must be clearly labelled for removal of soil gas

NOTE: When Subfloor Depressurization is roughed-in only, testing for Radon is mandatory once the home is occupied. Testing must occur over the winter months for a period of not less than 91 days. The test results must be submitted to the City of Niagara Falls – Building Services. If the test results exceed Ministry tolerances a full depressurization system must be installed.

The Building Permit file will remain open until test results are received and no further construction is required.

D. Declaration of Applicant

I, _____, certify that the information provided on this document is true to the best of my knowledge and that the construction of this project will conform to the information listed on this form as well as any additional drawings and specifications.

Date:

Signature:

Personal information contained in this form is collected under the authority of subsection 8(1.1) of the Building Code Act, 1992, and will be used in the administration and enforcement of the Building Code Act, 1992. Questions about the collection of personal information may be addressed to the Chief Building Official of the City of Niagara Falls.

City of Niagara Falls - Building Services

4310 Queen Street, P.O. Box 1023, Niagara Falls, Ontario, L2E 6X5
Phone: 905 356 7521 ext. 4001 www.niagarafalls.ca