



AUGUSTA, ON

100 Radon Test Kit Challenge



50 HOMES

participated by testing for radon gas during the winter of 2023 using 91 day alpha track detectors. This represents approximately 2% of the community dwellings.

22% of homes tested above Health Canada's guideline of 200 Bq/m³



Radon is a naturally occurring radioactive gas that comes from the ground.



Exposure to elevated levels of radon is linked to increased chances of developing lung cancer.



UNDER 100 Bq/m³
(48%)



100-200 Bq/m³
(30%)

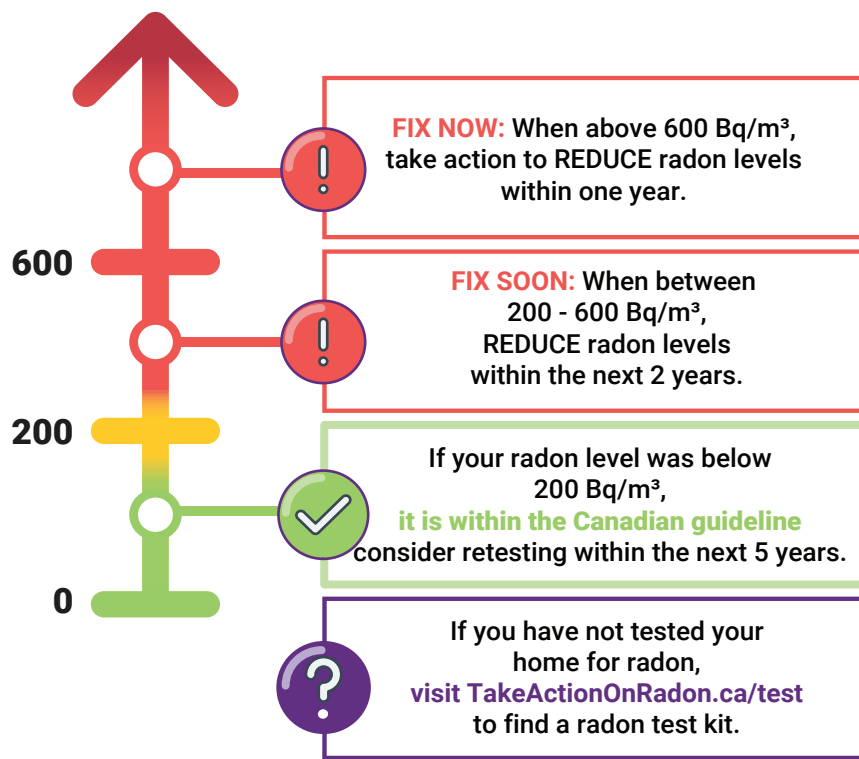


OVER 200 Bq/m³
(22%)

Levels can vary between neighbouring houses. The only way to know your radon level is to test.

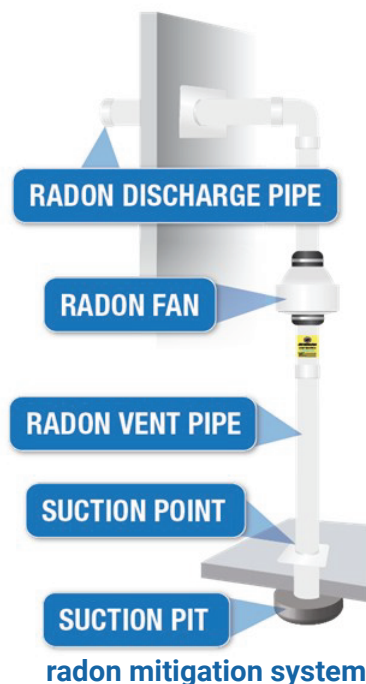


Radon enters a home through contact with the ground and can build up to elevated levels.



Since radon levels fluctuate over time, testing with a long-term test (of at least 91 days) provides a better estimate of your annual radon exposure. Many digital detectors are available to purchase or to borrow for shorter test durations, but we still recommend testing for at least 91 days. If you borrow a digital monitor for a shorter test, consider following up with a long-term test.

Radon gas levels are reduced the most by installing a **radon mitigation system**. Research shows that **certified radon professionals** can reduce levels by over 90%. Other steps, such as increasing ventilation and sealing cracks, can help in the short-term but are less effective.



HOW TO FIND A CERTIFIED PROFESSIONAL

[TakeActionOnRadon.ca/test/find-a-radon-mitigation-professional/](https://www.takeactiononradon.ca/test/find-a-radon-mitigation-professional/) Certified radon mitigation professionals are trained to properly assess your home, and design systems to efficiently and effectively reduce your radon level.

The Ontario Building Code section 9.13.4.1 indicates that “where Methane or Radon gases are known to be a problem, construction shall comply with requirements for soil gas control in MMAH Supplemental Standard SB-9 “requirements for soil gas control” Testing is the only method available to determine if Radon is present. All new construction in areas where Radon is known to be a problem must take measures to meet or exceed the requirements of SB-9.

The CAN/CGSB-149.11-2019 provides technical recommendations for radon control measures in new low-rise residential construction.

Tarion Warranty provides coverage for radon mitigation within the first seven years after a home is built.

More information:
<https://www.tarion.com/media/how-your-new-home-warranty-protects-you-against-dangers-radon-gas>

Missed your chance to test?

Check out Take Action on Radon’s website for more information on how to access a long-term (91-day) test kit in your region and how to properly test your home.

[TakeActionOnRadon.ca/test](https://www.takeactiononradon.ca/test)



Already tested and want to help?

If you are willing to share your data to help us better understand radon in your community, submit your information to our online radon depository.

[TakeActionOnRadon.ca/share](https://www.takeactiononradon.ca/share)