

Radon in Schools Screening Project

55 SCHOOLS

began testing for radon gas during the winters of 2020 and 2021. This included 10 Independent and 45 Public Schools.

This radon screening program is the first step towards fully testing the schools for radon to protect all occupants.

To be *Fully Tested*, a school must measure radon in every ground-contact room that is occupied at least 4 hours per day or more.

Screened schools are those that have tested some, but not all ground-contact, occupied rooms.



Radon is a naturally occurring radioactive gas that comes from the ground and is found in all buildings, including schools and homes.



Exposure to elevated levels of radon is linked to increased chances of developing lung cancer. Reducing radon exposure early in life is important.



9% Fully Tested and below 200 Bg/m³

SCHOOL



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Screened with at least one room above 200 Bq/m³





School administrators have a responsibility to provide a safe environment for the occupants of the school including students, staff and others using the school. Testing for radon and reducing high levels is part of good health and safety practices to ensure safe air quality.

Proper testing of a school should be done in accordance with Health Canada's Guide for Radon Measurement in Public Buildings:

https://www.canada.ca/en/health-canada/services/environmental-workplacehealth/reports-publications/radiation/guide-radon-measurements-public-buildi ngs-schools-hospitals-care-facilities-detention-centres.html

If a school or classroom has high radon levels, they can be reduced.

Engineering controls can be used to reduce radon levels in a school. These may include installing a radon mitigation system, sealing major entry routes from contact with the soil, or making adjustments to building ventilation systems.

Have you tested your HOME?

Canadians spend the majority of ther time in their homes. Test your home and reduce high levels. Find information on testing your home online.



TakeActionOnRadon.ca/test/



Certified radon mitigation professionals are trained to properly assess a building, and design systems to efficiently and effectively reduce the radon level.

Go to:

TakeActionOnRadon.ca/test/ find-a-radon-mitigation-professional/

If radon levels are elevated in a school a C-NRPP Certified professional will conduct some additional tests before a system is installed.

- Additional Testing with a Continuous
- Radon Monitor
- Survey of the Building and System Design

A **radon mitigation system** is installed with a fan that draws air (and radon) up from beneath the foundation and discharges the radon to the outdoors. This system reduces radon levels by preventing radon from entering your home.

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/



Take Action on Radon is a national initiative funded by Health Canada with a mandate to bring together stakeholders and raise awareness on radon across Canada. The current advisory team is made up of the Canadian Association of Radon Scientists and Technologists (CARST), and the Canadian Cancer Society.