

LONG TERM RADON TEST KIT FOR RADON IN AIR

INSTRUCTIONS AND DATASHEET

What is Radon?

Radon is an odourless, colorless, radioactive gas. Radon has been found in homes all over the world. It comes from the natural breakdown of uranium found in the soil and it moves up through the ground finding its way through tiny cracks and holes in the foundation of a home.

Any home can have radon. You can only find the radon level in your home by testing. Numerous studies have shown that continued exposure to elevated levels of radon gas increases the chance of developing lung cancer.

The Environmental Protection Agency, Health Canada, and the American Lung Association agree that long term exposure to elevated levels of radon gas is a significant health risk.

What if There is Radon in my Home?

Health Canada has set a national action level of 200 Bq/m³ (Becquerel of radon per cubic meter of air).

If your home has a confirmed radon level of 200 Bq/m³ or above in a living area, you should install a radon mitigation system. It is recommended that a certified radon mitigation contractor install the system.

What this package contains?

This test kit is used to test for radon in air for 91 to 365 days (one year). It contains:

- Instructions
- Data Sheet
- Radon detector (dosimeter) sealed in bag

**DO NOT OPEN THE SEALED BAG UNTIL YOU ARE
READY TO TEST.**

1. Choose the Room to Test

Health Canada recommends you test normal occupancy areas of the lowest lived-in level of the house. The normal occupancy area is defined as any area occupied by an individual for more than 4 hours per day.

Potential measurement locations include family rooms, living rooms, dens, playrooms and bedrooms. A lower level bedroom is preferred because people generally spend more time in their bedrooms than in any other room in the house.

Do not test in the kitchen, laundry area, bathroom, crawl space, furnace room or closet.

2. Start the Radon Test

- a. Check the expiration date on each device. Start your test before the expiration date or results will be invalid.
- b. When you are ready to start the test, cut or tear open the sealed bag that contains the black device (dosimeter). As soon as you open the bag the device is “on” and the test has begun.
- c. Do not remove the VOID sticker or open the black plastic housing or results will be invalid.
- d. Write each Device Number and Test Address Zip Code at the bottom of these instructions and on the Data Sheet. Do not remove the two stickers with the test number on the device; they are for laboratory use only.
- e. Write the test Beginning Date in the Exposure Period section on the datasheet.

3. Place the Radon Device

The preferred test location is by an interior wall at a height of 0.8 m to 2 m (3 to 6.5 ft) from the floor in the typical breathing zone, however, at least 50 cm (20 in) from the ceiling and 20 cm (8 in) from other objects so as to allow normal airflow around the dosimeter. Dosimeter should be placed approximately 40 cm (16 in) from an interior wall or approximately 50 cm (20 in) from an exterior wall.

You can hang or place the dosimeter face up or face down. Leave each device in place and undisturbed for at least 91 days.

4. End the Radon Test

After at least 91 days, write the test Ending Date and other required information on the datasheet.

Place the dosimeters in a plastic “Ziplock” bag.

Once the test is complete, it is important to return the radon detector as soon as possible to ensure accurate results.

5. Return the Device

Make sure the datasheet is completed.

Contact Wildsight to arrange drop off of test kit (invermere@wildsight.ca / 250-341-6898)

CHECKLIST FOR A SUCCESSFUL TEST

- ☐ Did you follow all instructions and fill out the Data Sheet completely?
- ☐ Did you keep a record of your device number(s) and the Postal Code of the property tested?
- ☐ Did you placed the dosimeters in a plastic "Ziplock" bag?
- ☐ Did you bring your test kit with the completed Data Sheet to Wildsight immediately after you finished the test?

INFORMATION ABOUT TEST REPORTS

Wildsight Invermere will send completed tests in bulk shipments to the lab and will notify all participants of their radon levels as test results become available. Laboratory turn around time is approximately 2-3 weeks from the date they receive the test.

WRITE DEVICE NUMBERS AND TEST ZIP CODE HERE.
SAVE THIS SHEET for your records

1st Device Number: _____

Test Address ip Code: _____

**LONG TERM RADON TEST KIT FOR RADON IN AIR
(ALPHA TRACK)**

RETURN THIS WITH YOUR TEST

LONG TERM RADON TEST DATA SHEET (ALPHA TRACK)

Report To (please print clearly)

Name _____

Address _____

City _____ Province _____

Zip Code _____ Country _____

Email _____

Property Tested

Name _____

Address _____

City _____ Province _____

Zip Code _____ Country _____

Email _____

Required Device Information

Device Number: _____

Location

☐ Basement

☐ First Floor

☐ Other _____

Exposure Period

Beginning Date _____ / _____ / _____
MM DD YYYY

Ending Date _____ / _____ / _____
MM DD YYYY