

Radon Certification Number: CRS04743

Radon is a carcinogenic gas that you cannot see, taste or smell. Radon comes from the natural breakdown of Uranium in soil, rock and water and gets into the air you breathe. Radon typically moves up through the ground and into your home through cracks and holes in your foundation and by diffusion through your home's construction materials. Radon is found in all areas of the country; in all types of homes regardless of foundation type (basement, crawl space or slab) and in homes of all ages. Do not assume that because your next-door neighbor had a very low radon rating that you do as well because the opposite could very well be true. It is estimated that 6% of all homes in the United States have elevated Radon levels but exposure to any level of Radon can be detrimental.

The EPA considers Radon to be a class A carcinogen, meaning that there is sufficient human evidence that Radon has the potential to cause cancer in humans. In fact, the EPA estimates that each year 21,000 lung cancer deaths are attributed to Radon and the Surgeon General has warned that Radon is the second leading cause of lung cancer in the United States today. *If you smoke and your home has high radon levels your risk of lung cancer is especially high.*

**Testing is the ONLY way to know if you and your family are at risk from Radon.** The EPA and CDC both recommend that you test for Radon Gas regardless of your region in the United States and the EPA and Surgeon General both recommend testing all homes for Radon. You can either conduct the test yourself or hire someone to do the test for you however, certified professionals are trained to achieve a level of accuracy that is otherwise difficult to achieve. If you do the test yourself, you should carefully follow the testing protocol for your area or EPA's Radon Testing Checklist. If you hire someone to test your home, protect yourself by hiring a **qualified and certified** individual or company.

#### Radon Testing Check List:

- Notify the occupants of the importance of proper testing conditions. Give the occupants written instructions and explain the directions carefully.
- Conduct the radon test for a minimum of 48 hours; some test devices have a minimum exposure time greater than 48 hours.
- When doing a short-term test ranging from 2-4 days, it is important to maintain closed-house conditions for at least 12 hours before the beginning of the test and during the entire test period.
- When doing a short-term test ranging from 4-7 days, EPA recommends that closed-house conditions be maintained.
- If you hire someone to do the test, **hire only a qualified individual**. The tester's ID number, if available, should be included or noted in the test report.
- The test should include method(s) to prevent or detect interference with testing conditions or with the testing device itself.
- If the house has an active radon-reduction system, make sure the vent fan is operating properly. If the fan is not operating properly, have it (or ask to have it) repaired and then test.

If your home has not yet been tested for Radon have a test taken as soon as possible. If you can, test your home before putting it on the market. You should test in the lowest level of the home which is suitable for occupancy. This means testing in the lowest level that you currently live in or a lower level not currently used, but which a buyer could use for living space without renovations.

If you find that you have high radon levels, there are ways to fix a radon problem. Even very high levels can be reduced to acceptable levels.

**Scope of Certification:** Certified Radon Inspection Specialists have demonstrated knowledge of United States Environmental Protection Agency (EPA) protocols for conducting measurements of radon gas levels utilizing a wide range of radon gas measuring devices for residential assessments and real-estate transactions. The certification holder has also demonstrated competency in the underlying physics as well as the processes in which Radon as a radioactive gas is able to emanate from the soil and enter a home.

The certification holder is required to honor the terms and conditions of the certification scheme, conduct business practices according to the code of conduct, and uphold the Radon Inspector Quality Assurance Plan Requirements.



**INSPECTOR NATION**  
—ADVANCED CERTIFICATIONS—

[SAMPLE INSPECTION REPORT](#)