



Do You Have Bad Gas?

Radon Gas & Lung Cancer

Lung Cancer: It's Not Just From Smoking!

While smoking remains the number one cause of lung cancer, the National Academy of Sciences (NAS) and the Surgeon General rank radon as number two and estimate at least 22,000 lung cancer deaths occur in the U.S. annually as a result of exposure to this Class-A carcinogen. This mortality rate associated with lung cancer is even more tragic because a significant portion of lung cancer is preventable.

Where Does Radon Come From?

Radon is a naturally occurring, odorless, tasteless, colorless radioactive gas produced by the natural breakdown of uranium and radium in soil, rock and water. Because it is odorless and invisible and that lung cancer usually shows up over a long period of exposure, the danger of radon is often underestimated or blamed entirely upon smoking.

How Does it Enter Your House?

Radon is drawn into the home from the soil below. Common entry routes are cracks in concrete floors, sump pits, and wall-floor joints. Every home has it.

How do I know if I have elevated radon levels?

Call **Radon Testers, Inc.** at: **(630) 260.0700** or visit www.radonron.com

Call to schedule an appointment to conduct a short-term measurement in your home. We will provide instant results and a complete interpretation of results.

What: One in 5 lung cancers occur in non-smokers. Radon is the leading cause of lung cancer in non-smokers. Every home should be tested.

Where: Every home has radon. 1 in 3 of Illinois homes have elevated levels of radon gas. In some areas of metropolitan Chicago 50%, or more, of the homes are elevated.

How Does Radon Induce Cancer?

Radon presents a hazard in two ways. As it decays, it gives off energy in the form of alpha particles. Alphas aren't generally much of a threat unless they are inhaled. When a person breathes in radon gas, the energy from the decaying particles can damage DNA in the cells of the lungs. In addition to its emission of radioactive alpha particles, radon poses a risk because it decays further into daughter atoms like polonium 214 and polonium 218. These radon daughters are solid and can attach to tiny particles that we breathe in. Some of these particles stick to the layer that line the lungs. As the unstable polonium atoms next to the lung tissue decay, they emit still more radioactive energy inside us which can contribute to the series of mutations which lead to cancer.

Can My House Be Fixed?

Yes! From this moment, your house can be "Radon Safe" in a matter of days. **Call us today.**



YES, My home is "Radon Safe!"