

## Overview

- Radon is a colorless, odorless, and tasteless radioactive gas.
- Test results will vary by season, often higher in Winter months.
- When *Radon in Air* is elevated, a mitigation system may be required.
- Schaefer uses a 48 Hour Continuous Monitoring Test in closed environment.
- Ongoing testing is recommended as levels can fluctuate seasonally.
- January is Radon Awareness Month!

## What is Radon?

Radon is an odorless, colorless, and tasteless radioactive gas. It is a naturally occurring byproduct of decaying uranium ore in the ground. Radon is a natural element found throughout all of nature and there are always background levels of radon present in the atmosphere.

## Why Test for Radon?

The Environmental Protection Agency (EPA) and the Surgeon General represent that radon is the leading cause of lung cancer for non-smokers.

Over time, lung tissues become damaged and this increases the carcinogenic effects associated with elevated levels of radon.

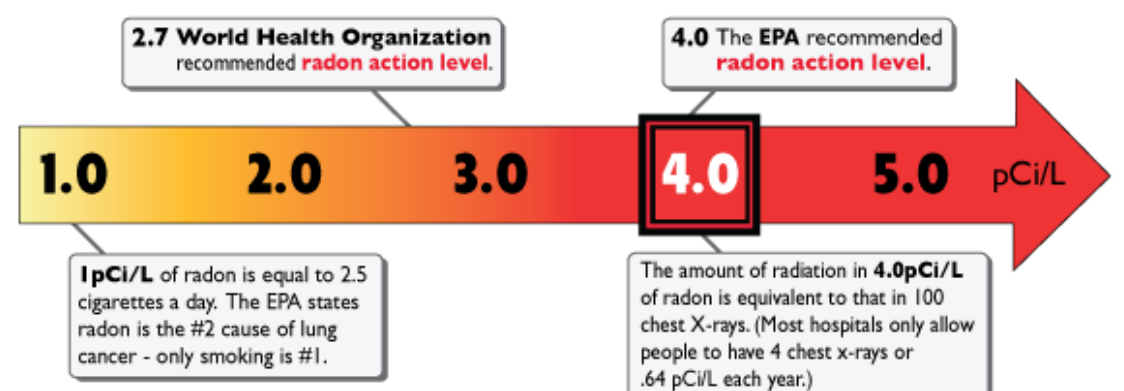
## Schaefer's Approach

Schaefer uses an Electronic Continuous Monitor with CO2 detector. The test requires 48 hours in a closed (windows and doors) environment.

Pricing is \$155 with inspection and \$200 without.

Certification requirements include NRPP, NRSB

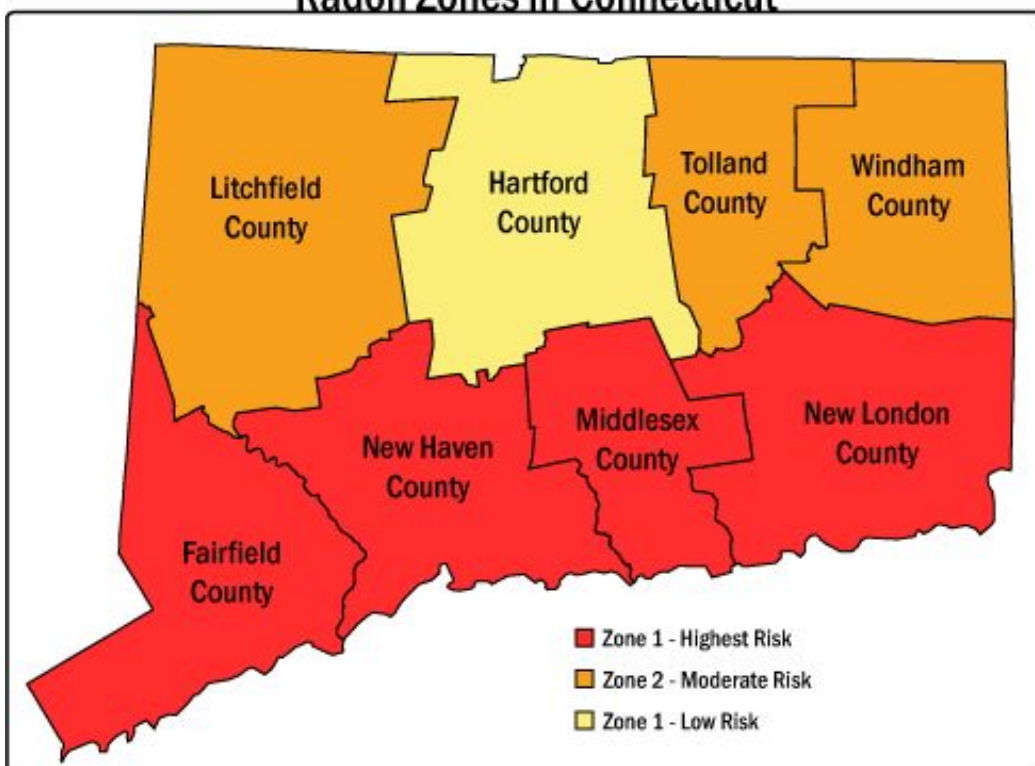
TESTING: The only way to know if you have a radon problem



The EPA says radon poses a greater health risk to children than to adults.

Information Provided By:  National Radon Defense

Radon Zones in Connecticut



## How Do You Fix it?

The EPA recommends the installation of a radon mitigation system by a certified (NRPP or NRSB) professional for levels that fall at or above 4.0 pCi/L (action level).

Through effective remediation techniques, even homes greatly exceeding the "recommended action level" of 4.0 pCi/L can successfully be reduced to below 4.0 pCi/L