



# RADON TEST REPORT

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 OCHI #208942

**Report Date:** 5-3-16

<b>Address:</b> <b>123 SW Your Street, Portland Or.</b>	<b>Test Ordered By:</b> <b>John Homeowner</b>
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<b>TEST RESULTS:</b> <b>Radon Level: 2.9 pCi/L</b>	<b>TEST METHOD:</b> <b>Corentium 223 Digital tester</b>
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<b>Closed House: Yes</b> <b>Start Time/Date: 9:10am 5/1/2016</b> <b>Stop Time/Date: 10:10am 5/3/2016</b>	<b>TEST FLOOR: Basement</b> <b>TEST LOCATION: #3 Bedroom Basement</b>
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**RADON HEALTH RISK INFORMATION:**

Radon is the second leading cause of lung cancer, after smoking. The more elevated a home's radon level, the greater the health risk to you and your family. Smokers and former smokers are at especially high risk.

Radon concentration is measured in picocuries per liter of air (pCi/L). The US Environmental Protection Agency and the Surgeon General strongly recommend taking further action when the home's radon test results are 4 pCi/l or greater. Even homes with very high levels can be reduced below 4 pCi/L. The EPA recommends that you use a NRPP or state-approved contractor to correct radon problems. Radon levels less than 4 pCi/L still pose some risk and in many cases may be reduced. If the radon level in your home is between 2pCi/L, and 4pCi/L, The US Environmental Protection Agency and the Surgeon General recommend that you consider correcting the problem in your home.

Corentium 223 Digital tester has an estimated accuracy of  $\pm 5\%$  when used according to directions.

PLEASE NOTE: Test results are only indicative of the sample collected. If proper testing procedures were not followed, results may not be representative of your radon levels. This tester can test an area up to 2000 square feet.

**Measurement Specialist** \_\_\_\_\_ **Date:** \_\_\_\_\_

Confidentiality: The information contained in this report is confidential. If you received this report in error, please return it to the address above.

**IF YOU HAVE QUESTIONS ABOUT WHAT YOUR RESULTS MEAN:**  
 EAP National Hotline: (800) 557-2366, [epa.gov/radon](http://epa.gov/radon), or, call your State Radon Contact: (503)945-5944

**IF YOU HAVE QUESTIONS ABOUT HOW TO FIX A RADON PROBLEM:**  
 EAP National Hotline: (800) 557-2366, [epa.gov/radon](http://epa.gov/radon), or, call your State Radon Contact: (503)9

## WHAT DO MY TEST RESULTS MEAN?

If your test result is below 2 pCi/L you do not need to take further action at this time. The EPA Recommends you retest every 2-3 years.

If your test result is between 2 pCi/L you should monitor your home. Your home is above the Indoor average of 1.3 pCi/L. You can consider retesting now, or you can wait. However, The EPA recommends testing every 2 years to confirm your radon levels are Not rising.

If your test level is 4 pCi/L or greater you should take further action. If this is your first test, The EPA recommends you conduct another test to confirm your initial reading. If you Have tested multiple times and the average of those tests is above 4 pCi/L. you should Fix your home.

## HOW DANGEROUS IS MY RADON LEVEL?

### RADON RISK IF YOU SMOKE

<b>RADON LEVEL</b>	<b>If 1,000 people were exposed to this level over a lifetime</b>	<b>The risk of radon induced Lung cancer compares to</b>	<b>What to do Next?</b>
100 pCi/L	About 770 people could get lung cancer	110 times the risk of dying in a car crash	Fix your home
40 pCi/L	About 380 people could get lung cancer	95 times the risk of dying from poison	Fix your home
20 pCi/L	About 260 people could get lung cancer	250 times the risk of drowning	Fix your home
10 pCi/L	About 150 people could get lung cancer	200 times the risk of dying in a fire	Fix your home
4 pCi/L	About 62 people could get lung cancer	5 times the risk of dying in a car crash	Fix your home
2 pCi/L	About 32 people could get lung cancer	6 times the risk of dying from poison	Consider fixing between 2&4 pCi/L
1.3 pCi/L	About 20 people could get lung cancer	(Average indoor radon level)	(Reducing below 1pCi/L is difficult)

### RADON RISK IF YOU HAVE NEVER SMOKED

<b>RADON LEVEL</b>	<b>If 1,000 people were exposed to this level over a lifetime</b>	<b>The risk of radon Induced lung cancer compares to</b>	<b>What to do next?</b>
100 pCi/L	About 440 people could get lung cancer	63 times the risk of dying in a car crash	Fix your home
40 pCi/L	About 120 people could get lung cancer	30 times the risk of dying from poison	Fix your home
20 pCi/L	About 36 people could get lung cancer	35 times the risk of drowning	Fix your home
10 pCi/L	About 18 people could get lung cancer	20 times the risk of dying in a fire	Fix your home
4 pCi/L	About 7 people could get lung cancer	The risk of dying in a car crash	Fix your home
2 pCi/L	About 4 people could get lung cancer	The risk of dying from poison	Consider fixing between 2&4 pCi/L
1.3 pCi/L	About 2 people could get lung cancer	(Average indoor radon level)	(Reducing below 1 pCi/L is difficult)

Note: If you are a former smoker your risk may be lower. Estimates are lifetime risk of lung cancer deaths from EPA Assessment of Risks from Radon in Homes (EAP 402-R-03-003)

## WHAT TO DO NEXT?

Type of Test	# of Times Tested	Test Result	What do I do next?	What test do I use? (If retesting)
Short Term	1	<2 pCi/L	Retest every 2-3 years	Short Term
(2-4 days)	1	2-4 pCi/L	Consider Retesting Now	Long Term or Short Term
	1	4-8 pCi/L	Retest Now	Long Term or Short Term
	1	>8 pCi/L	Retest Now	Short Term
Short Term	2 or More	<2 pCi/L	Test every 2-3 Years	Short Term
		2-4 pCi/L	Consider Fixing the Home	
		>4 pCi/L	Fix the Home	
Long Term	1 or More	<2 pCi/L	Test every 2-3 years	Short Term
(90-365 days)		2-4 pCi/L	Consider Fixing the Home	
		>4 pCi/L	Fix the Home	

## HOW CAN I FIX A RADON PROBLEM?

If your radon level is at or above 4 pCi/L, you should fix your home. If your radon level is between 2pCi/L And 4pCi/L, you may wish to fix your home. For most homes, radon level can be lowered to 2 pCi/L or lower.

We recommend only hiring contractors who are certified and trained in radon mitigation. To find a certified contractor you can:

Call your State Contract at (503) 945-5944 or go to [DrHomeAir.com/States](http://DrHomeAir.com/States)  
Go to [DrHomeAir.com/Mitigation](http://DrHomeAir.com/Mitigation) for a list of NRPPN certified contractors

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