



Integrity Building Inspections Plus, LLC
11851 Hamer Road
Georgetown, OH 45121
513-260-7909

Invoice

TO:
Inspection Client
1234 This Road
Cincinnati, OH 45213

Date: 01/13/2019

<u>Description</u>	<u>Amount</u>
Radon Inspection At: 1234 This Road Cincinnati, OH 45213	80.00
Total Amount	<hr/> 80.00
Less Amount Paid	80.00
Amount Due	<hr/> <hr/> 0.00

Make all checks payable to:

Integrity Building Inspections Plus, LLC

Send check to:

11851 Hamer Road Georgetown, OH 45121

THANK YOU FOR YOUR BUSINESS

Version: 2.1.35



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Radon Test Report

Test Location: Inspection Client 1234 This Road Cincinnati, OH 45213 client@****.com	Test For: Inspection Client 1234 This Road Cincinnati, OH 45213 client@****.com	Inspected By: John W. Bentley 11851 Hamer Road Georgetown, OH 45121 License # RT 1380
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Test Monitoring Information

Model Number: 1027
Serial Number: 229167010
Last Calibration: 07/18/2018
Next Calibration: 07/18/2019
Cal-Factors: 1.00
Motion Error: Yes

Test Site Condition

Condition: Recent Snowfall
Wind: East 6-10mph
Structure Type: Framed
Year Built: 2005
Sq Ft: 2200

Test Summary

CRM Location	Start	Stop	Interval	Duration	Overall Avg	EPA Average
Living room	01/11/2019 04:07 PM	01/13/2019 05:07 PM	1 hr	49 hr	3.5 pCi/l	3.5 pCi/l

Test Details

	Unit	Min	Max	Average
Radon Concentration	pCi/l	0.3	5.6	3.5

Test Result: Pass

Comments

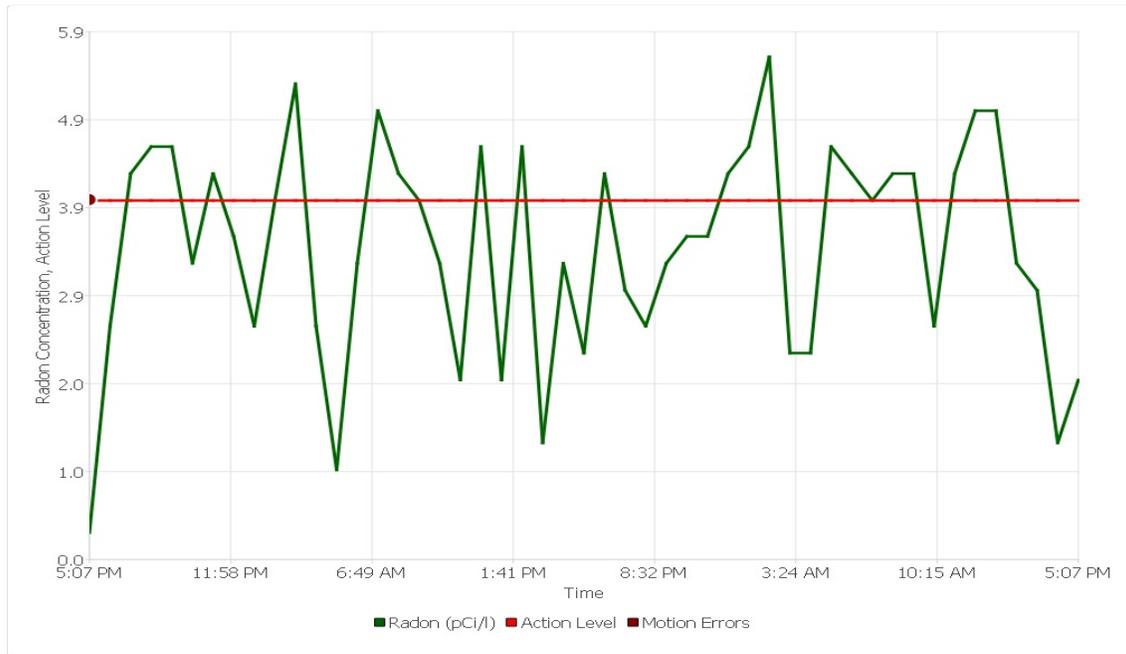
Inspector Signature:

Test Report: 01/13/2019



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Test Chart



Test Result: Pass

Test Location: 1234 This Road Cincinnati, OH 45213

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Test Checklist

- The location of the detector was selected so the detector was not to be disturbed during testing.
- The monitor was not placed in an area of high humidity such as: Kitchen, laundry room, cellar, spa room, garage, crawl space or sump area.
- The detector was not located near drafts caused by HVAC vents, windows and doors.
- Whole house fans were turned off during the testing.
- The detector was not placed near areas of excessive heat, such as a fireplace or in direct sunlight.
- Portable window fans were removed or sealed in place prior to testing.
- The detector was placed within the breathing zone of at least 20 inches to 6 feet above the floor and at least 1 foot below the ceiling if suspended.
- Window air conditioners were operable in recirculation mode only.
- The detector was not placed within 1 foot of outside walls of the home or within 3 feet of any windows or doors to the exterior of the home.
- Ceiling fans, portable dehumidifiers, portable humidifiers, portable air filters, and all window air conditioners are not operated within 20 feet of the detector.

Test Result: Pass

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Test Data Table

Date/Time	Radon(pCi/l)	Temp(F)	Pres(inHg)	Humidity(%)	Flags
01/11/19 05:07 PM	0.3	-	-	-	M
01/11/19 06:07 PM	2.6	-	-	-	-
01/11/19 07:07 PM	4.3	-	-	-	-
01/11/19 08:07 PM	4.6	-	-	-	-
01/11/19 09:07 PM	4.6	-	-	-	-
01/11/19 10:07 PM	3.3	-	-	-	-
01/11/19 11:07 PM	4.3	-	-	-	-
01/12/19 12:07 AM	3.6	-	-	-	-
01/12/19 01:07 AM	2.6	-	-	-	-
01/12/19 02:07 AM	4.0	-	-	-	-
01/12/19 03:07 AM	5.3	-	-	-	-
01/12/19 04:07 AM	2.6	-	-	-	-
01/12/19 05:07 AM	1.0	-	-	-	-
01/12/19 06:07 AM	3.3	-	-	-	-
01/12/19 07:07 AM	5.0	-	-	-	-
01/12/19 08:07 AM	4.3	-	-	-	-
01/12/19 09:07 AM	4.0	-	-	-	-
01/12/19 10:07 AM	3.3	-	-	-	-
01/12/19 11:07 AM	2.0	-	-	-	-
01/12/19 12:07 PM	4.6	-	-	-	-
01/12/19 01:07 PM	2.0	-	-	-	-
01/12/19 02:07 PM	4.6	-	-	-	-
01/12/19 03:07 PM	1.3	-	-	-	-
01/12/19 04:07 PM	3.3	-	-	-	-
01/12/19 05:07 PM	2.3	-	-	-	-
01/12/19 06:07 PM	4.3	-	-	-	-
01/12/19 07:07 PM	3.0	-	-	-	-
01/12/19 08:07 PM	2.6	-	-	-	-
01/12/19 09:07 PM	3.3	-	-	-	-
01/12/19 10:07 PM	3.6	-	-	-	-
01/12/19 11:07 PM	3.6	-	-	-	-
01/13/19 12:07 AM	4.3	-	-	-	-
01/13/19 01:07 AM	4.6	-	-	-	-
01/13/19 02:07 AM	5.6	-	-	-	-
01/13/19 03:07 AM	2.3	-	-	-	-
01/13/19 04:07 AM	2.3	-	-	-	-
01/13/19 05:07 AM	4.6	-	-	-	-
01/13/19 06:07 AM	4.3	-	-	-	-
01/13/19 07:07 AM	4.0	-	-	-	-
01/13/19 08:07 AM	4.3	-	-	-	-
01/13/19 09:07 AM	4.3	-	-	-	-
01/13/19 10:07 AM	2.6	-	-	-	-
01/13/19 11:07 AM	4.3	-	-	-	-
01/13/19 12:07 PM	5.0	-	-	-	-
01/13/19 01:07 PM	5.0	-	-	-	-
01/13/19 02:07 PM	3.3	-	-	-	-
01/13/19 03:07 PM	3.0	-	-	-	-
01/13/19 04:07 PM	1.3	-	-	-	-
01/13/19 05:07 PM	2.0	-	-	-	-

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Radon Test Information

Radon Risk Information

Radon causes lung cancer by means of the decay of its daughter products after breathing in air contaminated with higher levels of Radon. The World Health Organization (WHO) estimates that 15% of lung cancers worldwide are caused by exposure to elevated indoor levels of Radon. Overall, radon is the second leading cause of lung cancer responsible for about 21,000 lung cancer deaths every year in the US alone. Radon gas is the number one cause of lung cancer among non-smokers. The U.S. Environmental Protection Agency (EPA), the U.S. Surgeon General, and the Center for Disease Control and Prevention (CDC) strongly recommend that ALL homebuyers have an indoor radon test performed prior to purchase or taking occupancy and recommend having the radon levels professionally mitigated if elevated radon concentrations are found.

Understanding Radon Test Results

Recommended Action Levels vary by country and typically range from 3 pCi/l (100 Bq/m³) to 8 pCi/l (300 Bq/m³). Recommendations below are based on test results by a Continuous Radon Monitor (CRM) Test of at least 24h duration and are based on recommendations by the EPA.

Measured Average Radon Level:

- Above 4 pCi/l (150 Bq/m³): Mitigation strongly recommended
- Between 2-4 pCi/l (75-150 Bq/m³): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (75 Bq/m³): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

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