



**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

#### 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

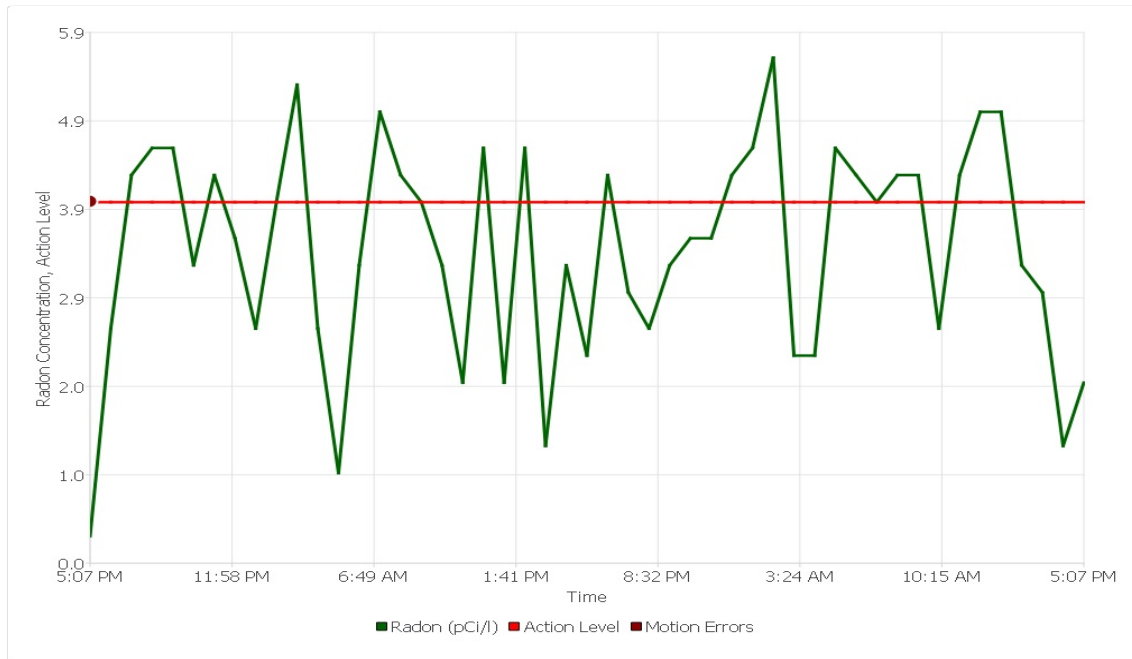
**Inspector Signature:**

**Test Report:** 01/13/2019



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### Test Chart



**Test Result: Pass**

**Test Location:** 1234 This Road Cincinnati, OH 45213

**Test Report:** 01/13/2019



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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 Report:** 01/13/2019



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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/m<sup>3</sup>) to 8 pCi/l (300 Bq/m<sup>3</sup>). 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/m<sup>3</sup>): Mitigation strongly recommended
- Between 2-4 pCi/l (75-150 Bq/m<sup>3</sup>): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (75 Bq/m<sup>3</sup>): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

<b>Test Result: Pass</b>
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