Cameron Home Inspections

Radon Inspection Report

Test Location:
123 Your Street

St. Louis, MO 63114

Test For:
Home Buyer

Inspected By:
J. Cameron

Bldg. Type: Residential Single Family

Type: Real Estate Transaction

Test Result: Pass

Overall Average:
2.2 pCi/l

EPA Average:
2.3 pCi/l

Test Device Details:

Serial Number:	247454012
Model Number:	1028XP
Last Calibration:	11/12/2020
Next Calibration:	11/12/2021
Cal-Factors:	2.93
Motion Error:	No

Test Site Condition:

Year Built:	2004
Sq Ft:	1950
Mitigation Sys:	Not Installed

Test Summary:

CRM Location:	Start:	Stop:	Interval:	Duration:
	07/03/2021 01:06 PM	07/05/2021 01:06 PM	1 hr	48 hr

*First 4 hrs of data excluded	Min:	Max:	Average:	Measurement Units:
Radon Concentration:	0.0	5.5	2.3	pCi/l

Comments:

Lic/Cert Signature

Inspection Report Date: 07/06/2021

Test device manufactured by SunRADON, LLC

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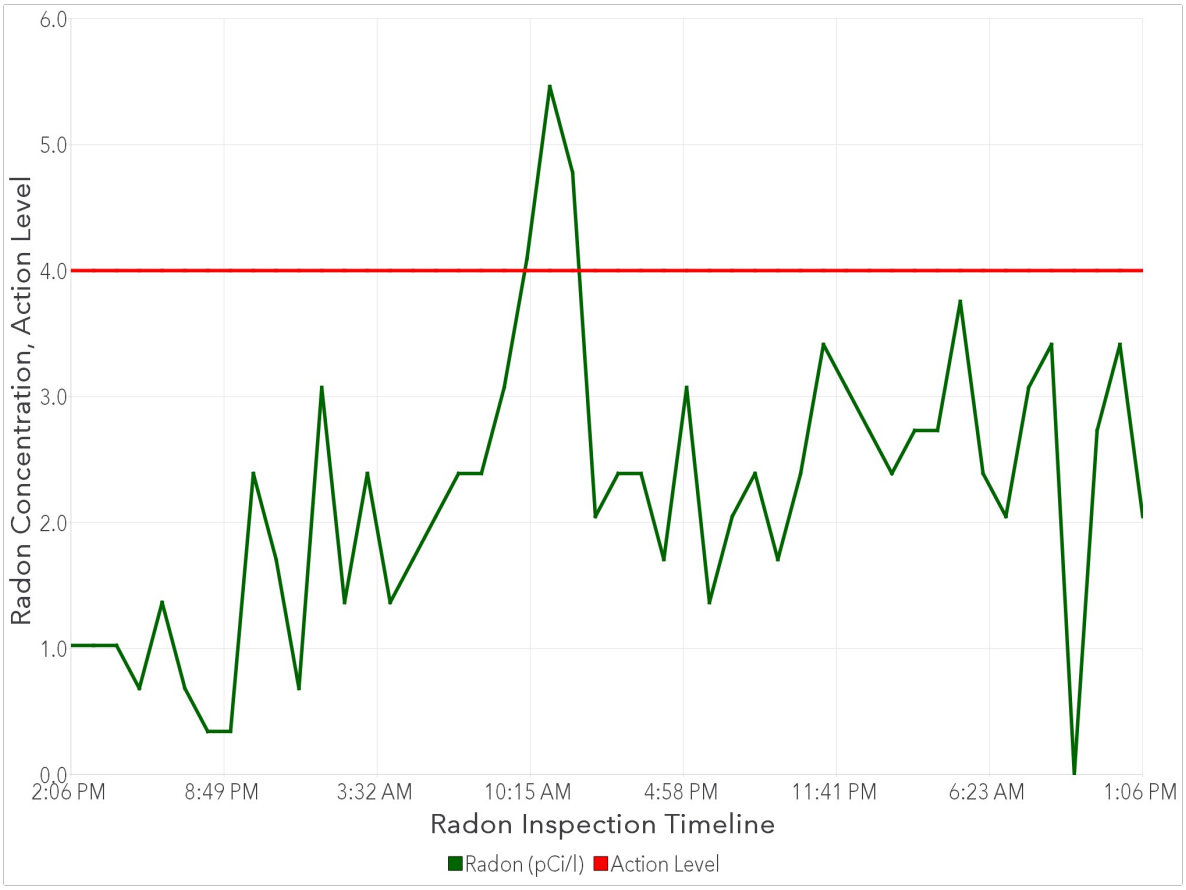
Radon Inspection Chart



Test Result: Pass

Test Location: Troy, MO 63379

Inspection Report Date: 07/06/2021

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Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Flags
07/03/21 02:06 PM	1.0	-
07/03/21 03:06 PM	1.0	-
07/03/21 04:06 PM	1.0	-
07/03/21 05:06 PM	0.7	-
07/03/21 06:06 PM	1.4	-
07/03/21 07:06 PM	0.7	-
07/03/21 08:06 PM	0.3	-
07/03/21 09:06 PM	0.3	-
07/03/21 10:06 PM	2.4	-
07/03/21 11:06 PM	1.7	-
07/04/21 12:06 AM	0.7	-
07/04/21 01:06 AM	3.1	-
07/04/21 02:06 AM	1.4	-
07/04/21 03:06 AM	2.4	-
07/04/21 04:06 AM	1.4	-
07/04/21 05:06 AM	1.7	-
07/04/21 06:06 AM	2.0	-
07/04/21 07:06 AM	2.4	-
07/04/21 08:06 AM	2.4	-
07/04/21 09:06 AM	3.1	-
07/04/21 10:06 AM	4.1	-
07/04/21 11:06 AM	5.5	-
07/04/21 12:06 PM	4.8	-
07/04/21 01:06 PM	2.0	-
07/04/21 02:06 PM	2.4	-
07/04/21 03:06 PM	2.4	-
07/04/21 04:06 PM	1.7	-
07/04/21 05:06 PM	3.1	-
07/04/21 06:06 PM	1.4	-
07/04/21 07:06 PM	2.0	-
07/04/21 08:06 PM	2.4	-
07/04/21 09:06 PM	1.7	-
07/04/21 10:06 PM	2.4	-
07/04/21 11:06 PM	3.4	-
07/05/21 12:06 AM	3.1	-
07/05/21 01:06 AM	2.7	-
07/05/21 02:06 AM	2.4	-
07/05/21 03:06 AM	2.7	-
07/05/21 04:06 AM	2.7	-
07/05/21 05:06 AM	3.8	-
07/05/21 06:06 AM	2.4	-
07/05/21 07:06 AM	2.0	-
07/05/21 08:06 AM	3.1	-
07/05/21 09:06 AM	3.4	-

Test Result: Pass

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Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Flags
07/05/21 10:06 AM	0.0	-
07/05/21 11:06 AM	2.7	-
07/05/21 12:06 PM	3.4	-
07/05/21 01:06 PM	2.0	-

Test Result: Pass

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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 48h duration and are based on recommendations by the EPA.

Measured Average Radon Level:

- At or above 4.0 pCi/l (148 Bq/m3): Corrective measures to reduce exposure to radon gas is strongly recommended (ANSI MAH2014)
- Between 2-4 pCi/l (74-148 Bq/m3): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi/l (74 Bq/m3): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

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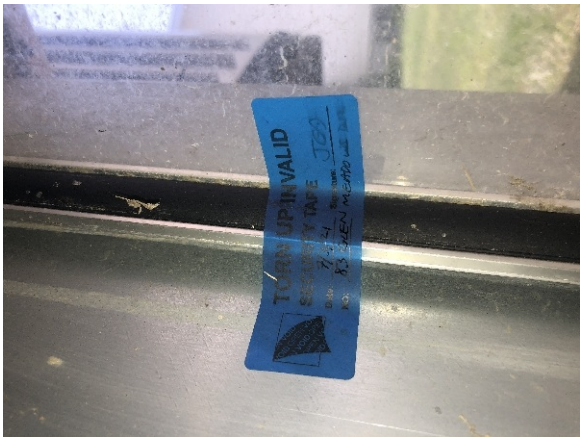
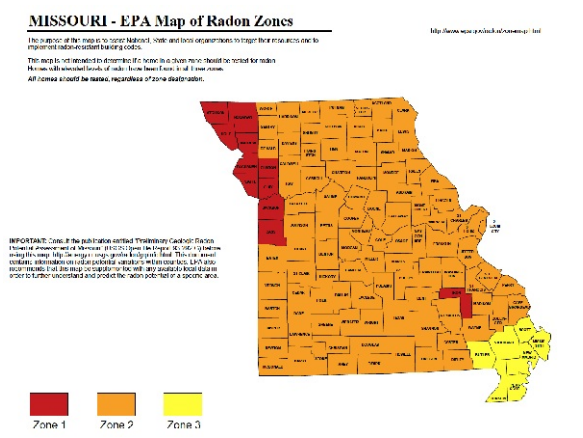
Property Pictures





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