Sloan Radon Testing, LLC
6825 Bowman Lane NE
Cedar Rapids, IA 52402
319-373-0834

Radon Inspection Report

Test Location:

Tami Breen
212 Windflower Ln
Solon, IA 52333

Inspected By:

Craig Shadle
6825 Bowman Lane NE
Cedar Rapids, IA 52402
319-373-0834
Lic/Cert. # RNTST09123

Bldg. Type: Residential Single Family Type: Real Estate Transaction

Test Result: Pass

EPA Average:

1.0 pCi/l

Test Device Details:

Serial Number:	61451085
Model Number:	1028
Last Calibration:	10/19/2020
Next Calibration:	10/19/2021
Cal-Factors:	2.52
Motion Error:	No

Test Summary:

CRM Location:	Start:	Stop:	Interval:	Duration:
Basement Bedroom	09/27/2021 10:35 AM	09/29/2021 10:35 AM	1 hr	48 hr

*First 4 hrs of data excluded	Min:	Max:	Average:	Measurement Units:
Radon Concentration:	0.0	2.8	1.0	pCi/l

Comments:

Craig A. Shadle

Lic/Cert Signature

Inspection Report Date: 09/29/2021

Test device manufactured by SunRADON, LLC

OneRADON™ Version 2.3.10

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Radon Inspection Chart



Test Result: Pass

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Inspection Report Date: 09/29/2021

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Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Flags
09/27/21 11:35 AM	0.0	-
09/27/21 12:35 PM	0.4	-
09/27/21 01:35 PM	0.4	-
09/27/21 02:35 PM	1.2	-
09/27/21 03:35 PM	0.0	-
09/27/21 04:35 PM	0.8	-
09/27/21 05:35 PM	0.4	-
09/27/21 06:35 PM	0.8	-
09/27/21 07:35 PM	0.4	-
09/27/21 08:35 PM	1.2	-
09/27/21 09:35 PM	1.2	-
09/27/21 10:35 PM	0.4	-
09/27/21 11:35 PM	1.2	-
09/28/21 12:35 AM	2.0	-
09/28/21 01:35 AM	0.8	-
09/28/21 02:35 AM	1.6	-
09/28/21 03:35 AM	1.2	-
09/28/21 04:35 AM	1.6	-
09/28/21 05:35 AM	2.0	-
09/28/21 06:35 AM	1.6	-
09/28/21 07:35 AM	1.6	-
09/28/21 08:35 AM	1.2	-
09/28/21 09:35 AM	0.8	-
09/28/21 10:35 AM	0.8	-
09/28/21 11:35 AM	0.0	-
09/28/21 12:35 PM	0.8	-
09/28/21 01:35 PM	0.4	-
09/28/21 02:35 PM	0.4	-
09/28/21 03:35 PM	0.4	-
09/28/21 04:35 PM	2.0	-
09/28/21 05:35 PM	0.8	-
09/28/21 06:35 PM	1.6	-
09/28/21 07:35 PM	0.8	-
09/28/21 08:35 PM	1.2	-
09/28/21 09:35 PM	0.8	-
09/28/21 10:35 PM	1.6	-
09/28/21 11:35 PM	0.4	-
09/29/21 12:35 AM	0.4	-
09/29/21 01:35 AM	0.8	-
09/29/21 02:35 AM	0.4	-
09/29/21 03:35 AM	0.8	-
09/29/21 04:35 AM	0.4	-
09/29/21 05:35 AM	2.8	-
09/29/21 06:35 AM	1.6	-

Test Result: Pass

Test Location: 212 Windflower Ln Solon, IA 52333 **Inspection Report Date:** 09/29/2021

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Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Flags
09/29/21 07:35 AM	1.2	-
09/29/21 08:35 AM	2.0	-
09/29/21 09:35 AM	0.0	-
09/29/21 10:35 AM	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

Test Result: Pass

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