

Radon Inspection Report

Test Location:



Test For:



Inspected By:



PA #3470 NJ #MEB94318

Student a Single Family

ate Transaction



Test Result: Pass

EPA Average:

2.5 pCi/l

Test Device Details:

Serial Number: 300000450
Mode Number: 1028XP
Last Calibration: 12/02/2022
Next Calibration: 12/02/2023
Calibration Factors: 2.69
Motion Error: No

Test Site Condition:

Condition: Overcast
Wind: 6-10mph
Structure Type: Concrete Block Foundation
Year Built: 1980
Square Feet: 1454
Mitigation System: Not Installed

Test Summary:

CRM Location:	Start:	Stop:	Interval:	Duration:
Basement	01/14/2023 09:09 AM	01/16/2023 09:09 AM	1 hr	48 hr

*First 4 hrs of data excluded	Min:	Max:	Average:	Measurement Units:
Radon Concentration:	0.4	6.7	2.5	pCi /

Comments:

No tampering, interference, or deviations from required test conditions were observed during the testing period.

Michelle Hopkin

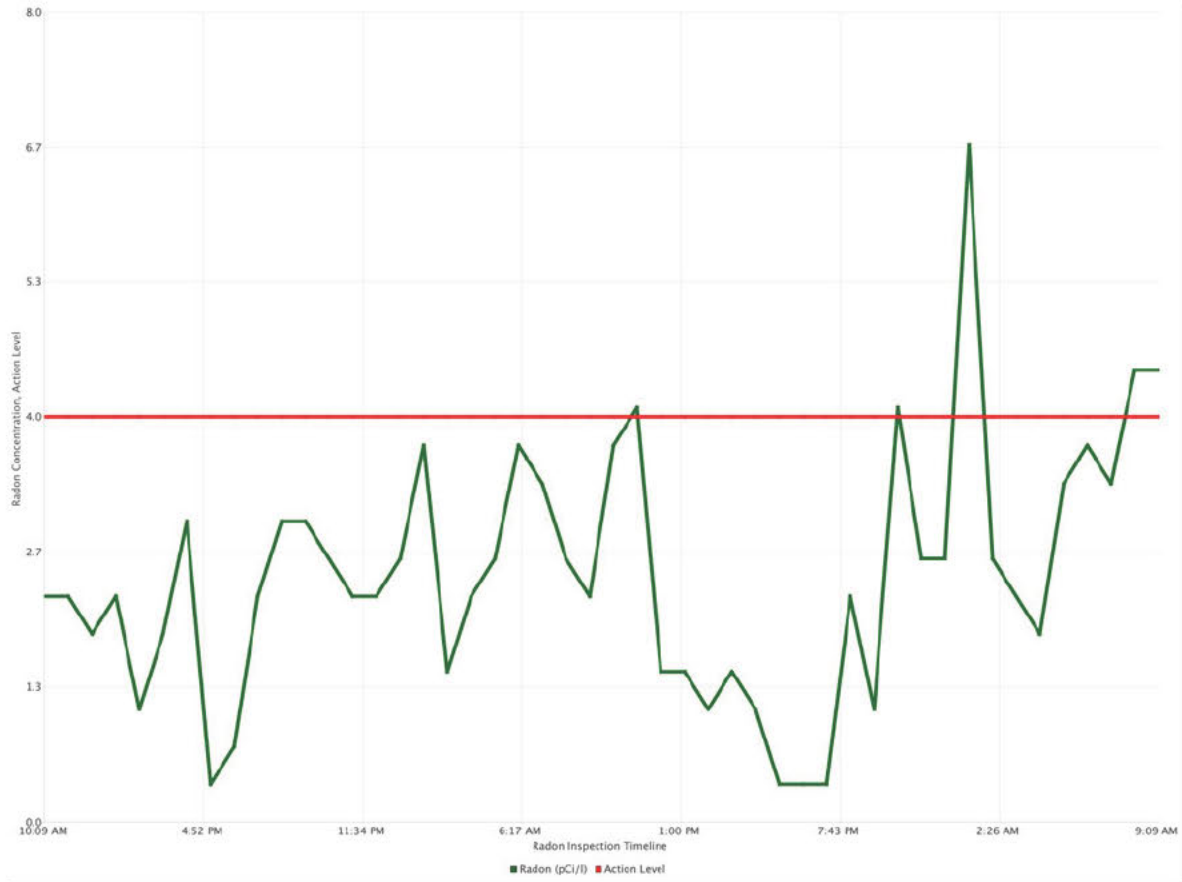
Michelle Hopkin MEB94318

License Signature

Inspection Report Date: 01/16/2023

Test device manufactured by SunRADON, LLC

Radon Inspection Chart



Test Result: Pass

Test Location on: [Redacted]

Inspect on Report Date: 01/16/2023

Test device manufactured by SunRADON, LLC



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, crawlspace 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 indirect 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 recirculate 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 window air conditioners are not operated within 20 feet of the detector.

Test Result: Pass

Test Location:



Inspection Report Date: 01/16/2023

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Test Table

* Data from first 4 hours excluded from EPA calculations

Date/Time	Radon(pCi/l)	Facts
01/14/23 10:09 AM	2.2	-
01/14/23 11:09 AM	2.2	-
01/14/23 12:09 PM	1.9	-
01/14/23 01:09 PM	2.2	-
01/14/23 02:09 PM	1.1	-
01/14/23 03:09 PM	1.9	-
01/14/23 04:09 PM	3.0	-
01/14/23 05:09 PM	0.4	-
01/14/23 06:09 PM	0.7	-
01/14/23 07:09 PM	2.2	-
01/14/23 08:09 PM	3.0	-
01/14/23 09:09 PM	3.0	-
01/14/23 10:09 PM	2.6	-
01/14/23 11:09 PM	2.2	-
01/15/23 12:09 AM	2.2	-
01/15/23 01:09 AM	2.6	-
01/15/23 02:09 AM	3.7	-
01/15/23 03:09 AM	1.5	-
01/15/23 04:09 AM	2.2	-
01/15/23 05:09 AM	2.6	-
01/15/23 06:09 AM	3.7	-
01/15/23 07:09 AM	3.3	-
01/15/23 08:09 AM	2.6	-
01/15/23 09:09 AM	2.2	-
01/15/23 10:09 AM	3.7	-
01/15/23 11:09 AM	4.1	-
01/15/23 12:09 PM	1.5	-
01/15/23 01:09 PM	1.5	-
01/15/23 02:09 PM	1.1	-
01/15/23 03:09 PM	1.5	-
01/15/23 04:09 PM	1.1	-
01/15/23 05:09 PM	0.4	-
01/15/23 06:09 PM	0.4	-
01/15/23 07:09 PM	0.4	-
01/15/23 08:09 PM	2.2	-
01/15/23 09:09 PM	1.1	-
01/15/23 10:09 PM	4.1	-
01/15/23 11:09 PM	2.6	-
01/16/23 12:09 AM	2.6	-
01/16/23 01:09 AM	6.7	-
01/16/23 02:09 AM	2.6	-
01/16/23 03:09 AM	2.2	-
01/16/23 04:09 AM	1.9	-
01/16/23 05:09 AM	3.3	-

Test Result: Pass

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Test Table

* Data from first 4 hours excluded from EPA calculations

<u>Date/Time</u>	<u>Radon(pCi/l)</u>	<u>Fags</u>
01/16/23 06:09 AM	3.7	-
01/16/23 07:09 AM	3.3	-
01/16/23 08:09 AM	4.5	-
01/16/23 09:09 AM	4.5	-

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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 / (100 Bq/m³) to 8 pCi / (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 / (148 Bq/m³): Corrective measures to reduce exposure to radon gas is strongly recommended (ANSI MAH2014)
- Between 2-4 pCi / (74-148 Bq/m³): Consider mitigation or periodic retest as indoor Radon levels vary by season and weather conditions
- Below 2 pCi / (74 Bq/m³): Consider bi-annual retest or whenever significant changes to the home structure or mechanical systems occurred

Pennsylvania Notice to Consumers

The Radon Certification Act requires that anyone who provides radon-related products or services to the general public must be certified by the Pennsylvania Department of Environmental Protection. You are entitled to evidence of certification from any person who provides such services or products. You are also entitled to a price list for services or products offered. A radon measurement data will be sent to the Department as required in the Act and will be kept confidential. If you have any questions, comments or complaints concerning persons who provide radon-related services, please contact the Department at the Bureau of Radon Protection, Dept. Of Environmental Protection, P.O. Box 8469, Harrisburg, PA 17105-8469, (717-783-3594).

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