

RADON INSPECTION REPORT



METRO ONE HOME INSPECTIONTM

RADON INSPECTION DATE

1/14/25

RADON MACHINE PLACEMENT

Basement

PREPARED FOR

John Doe

TEST LOCATION

100 Metro One Home Inspection
Kansas City, MO 64063

OCCUPANCY

Occupied

TESTING DONE BY

Metro One Home Inspection, LLC
Sean Desmond
816-200-1590

Sean Desmond



STANDARDS OF PRACTICE

<https://standards.aarst.org/MAH-2019/30/index.html>



Radon Test Report

Test Location:

John Doe
100 Metro One Home Inspection Ln
Kansas City, MO 64063
816-200-1590
Residential Single Family

Test For:

John Doe
100 Metro One Home Inspection Ln
Kansas City, MO 64063
816-200-1590
Type: Pre-Mitigation

Test Performed By:

Sean Desmond
3118 SE 3rd Ter
Lee's Summit, MO 64063
816-200-1590

Monitor Placement:

Sean Desmond

Certificate:

Radon
Test.
Report.
Prevent.

Monitor Retrieval:

Sean Desmond

Certificate:

Test Result: Fail

Overall Average:

5.2 pCi/l

EPA Average:

5.3 pCi/l

Test Device Details:

SunRADON CRM:	1028XP
Serial Number:	300004555
Last Calibration:	05/08/2024
Next Calibration:	05/08/2025
Cal-Factors:	2.79
Motion Error:	No

Test Site Condition:

Condition:	Recent Snowfall
Year Built:	1950
Sq Ft:	1719

Test Summary:

CRM Location:	Start:	Stop:	Interval:	Duration:
Living Room	01/14/2025 08:23 PM	01/16/2025 08:23 PM	1 hr	48 hr

Test Details:

*First 4 hrs of data excluded	Min	Max	Average	Units
Radon Concentration	2.9	10.4	5.3	pCi/l

Comments:

Radon mitigation is recommended.

Inspector Signature**Test Location:**

100 Metro One Home
Inspection Ln
Kansas City, MO 64063

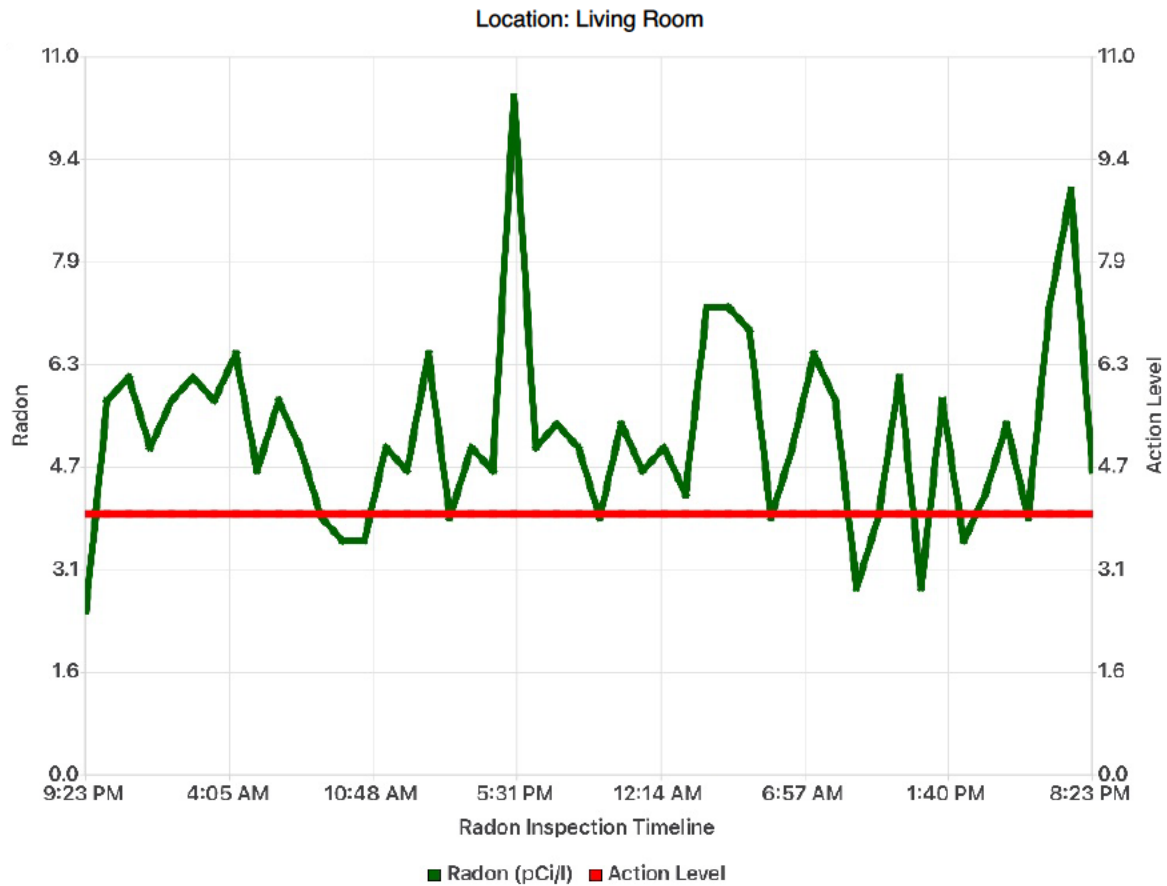
Test device manufactured by SunRADON, LLC

Inspection Report Date:

07/15/2025

OneRADON™ Version 2.4.53

Radon Inspection Chart



Test Result: Fail

Test Location: 100 Metro One Home Inspection Ln
Kansas City, MO 64063

Inspection Report Date:
07/15/2025

Test device manufactured by SunRADON, LLC

Test Table

Location: Living Room (*Data from first 4 hours excluded from EPA calculations)

The test data was taken from a testing device approved by the National Radon Proficiency Program. The test was performed in accordance with the current ANSI/AARST standards and guidelines accepted for radon testing.

Date/Time	Radon(pCi/l)	Flags
01/14/25 09:23 PM	2.5	-
01/14/25 10:23 PM	5.7	-
01/14/25 11:23 PM	6.1	-
01/15/25 12:23 AM	5.0	-
01/15/25 01:23 AM	5.7	-
01/15/25 02:23 AM	6.1	-
01/15/25 03:23 AM	5.7	-
01/15/25 04:23 AM	6.5	-
01/15/25 05:23 AM	4.7	-
01/15/25 06:23 AM	5.7	-
01/15/25 07:23 AM	5.0	-
01/15/25 08:23 AM	3.9	-
01/15/25 09:23 AM	3.6	-
01/15/25 10:23 AM	3.6	-
01/15/25 11:23 AM	5.0	-
01/15/25 12:23 PM	4.7	-
01/15/25 01:23 PM	6.5	-
01/15/25 02:23 PM	3.9	-
01/15/25 03:23 PM	5.0	-
01/15/25 04:23 PM	4.7	-
01/15/25 05:23 PM	10.4	-
01/15/25 06:23 PM	5.0	-
01/15/25 07:23 PM	5.4	-
01/15/25 08:23 PM	5.0	-
01/15/25 09:23 PM	3.9	-
01/15/25 10:23 PM	5.4	-
01/15/25 11:23 PM	4.7	-
01/16/25 12:23 AM	5.0	-
01/16/25 01:23 AM	4.3	-
01/16/25 02:23 AM	7.2	-
01/16/25 03:23 AM	7.2	-
01/16/25 04:23 AM	6.8	-
01/16/25 05:23 AM	3.9	-
01/16/25 06:23 AM	5.0	-
01/16/25 07:23 AM	6.5	-
01/16/25 08:23 AM	5.7	-
01/16/25 09:23 AM	2.9	-
01/16/25 10:23 AM	3.9	-
01/16/25 11:23 AM	6.1	-
01/16/25 12:23 PM	2.9	-
01/16/25 01:23 PM	5.7	-
01/16/25 02:23 PM	3.6	-
01/16/25 03:23 PM	4.3	-
01/16/25 04:23 PM	5.4	-
01/16/25 05:23 PM	3.9	-
01/16/25 06:23 PM	7.2	-
01/16/25 07:23 PM	9.0	-
01/16/25 08:23 PM	4.7	-

Test Result: Fail

Test Location: 100 Metro One Home Inspection Ln
 Kansas City, MO 64063

Inspection Report Date:
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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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