

This preview uses generic data. If you have included a dynamic paragraph, note that the first option is used for preview purposes.

Radon Measurement Report



COMPANY INFORMATION

Name:	Rigid Inspections, LLC
Phone Number:	6189757031
Email:	info@rigidinspections.com
Street Address:	231 North Main Street Suite 23
City:	Edwardsville
State/Province/Territory:	Illinois
Postal/ZIP code:	62025
Country:	United States

CERTIFICATIONS

Name:	Number:	Expiration Date:
Illinois Radon Professional License	RNI 2020221	10/31/2025

PROPERTY INFORMATION

Property Owner Name:	Mary Richter
Contact Person:	Mary Richter
Contact Phone:	000-000-0000
Property Name:	Richter's house
Street Name:	3159 Victoria street
City:	Chicago
State/Province/Territory:	IL
Postal/ZIP Code:	60631
Country:	United States
Building Year:	1900
Ventilation Type:	Air Exchanger
Building Type:	House
Foundation Type:	Basement Foundation
Radon Mitigation System:	Passive

MEASUREMENT SUMMARY

RADON LEVEL

0.2 pCi/L
MINIMUM

1.0 pCi/L
AVERAGE

2.5 pCi/L
MAXIMUM

HUMIDITY

28.5 %rH
MINIMUM

29.5 %rH
AVERAGE

31.0 %rH
MAXIMUM

TEMPERATURE

66.2 °F
MINIMUM

68.4 °F
AVERAGE

69.1 °F
MAXIMUM

ATMOSPHERIC PRESSURE

98.9800 kPa
MINIMUM

101.8064 kPa
AVERAGE

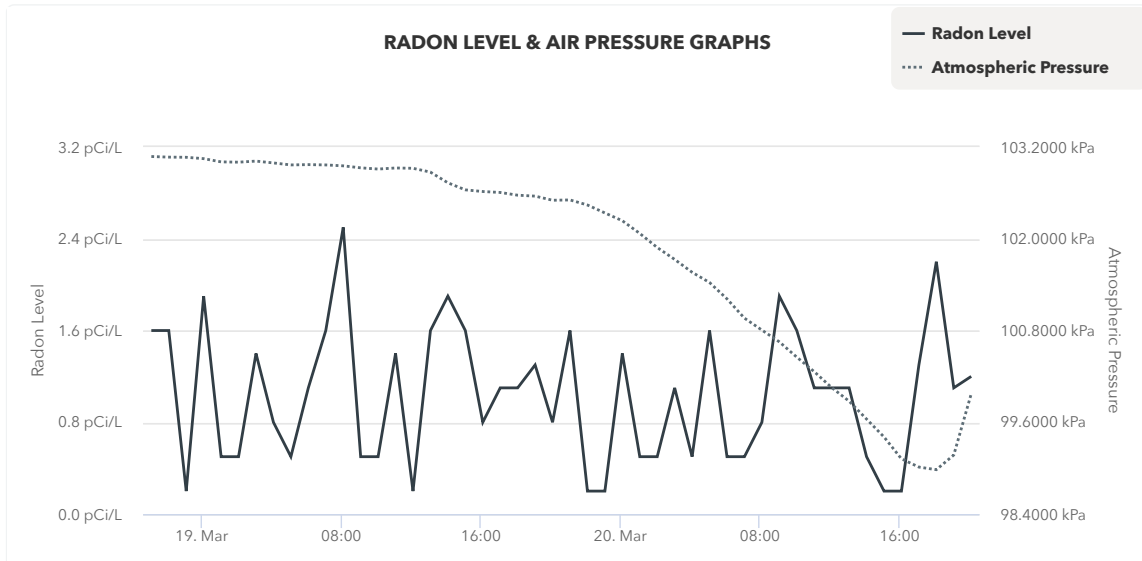
103.0760 kPa
MAXIMUM

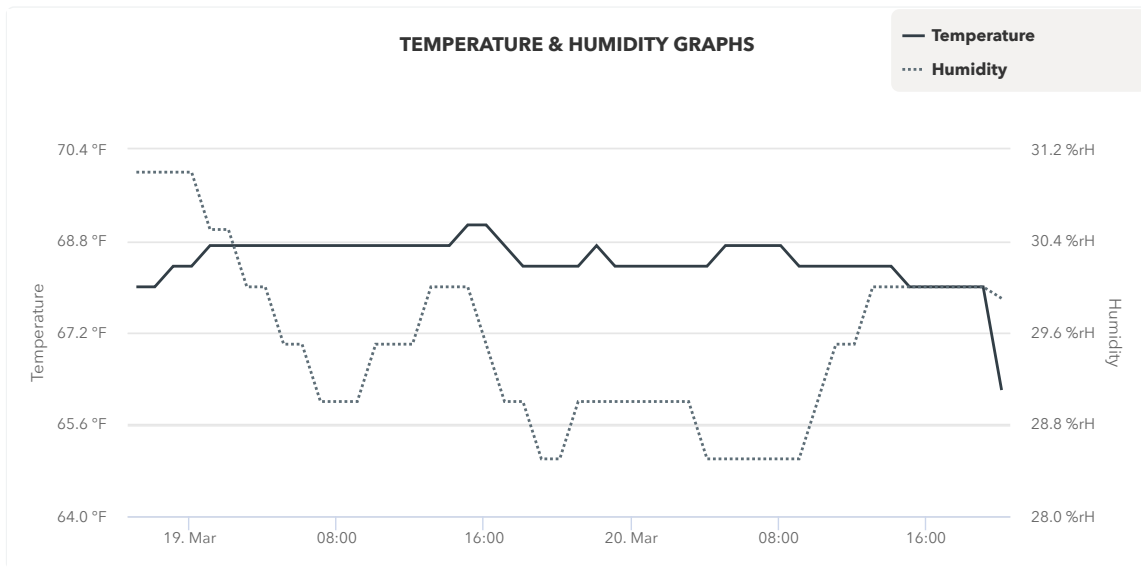
TAMPERING EVENTS

Motion events occurred at the following times:

2020-03-20

11:43 A.M.





HOURLY MEASUREMENT DATA ☰

Note : Measurements are offset by 1 hour from the start of the test. (The first hour will read 3:00 for a 2:00 start time).

	DATE & TIME	RADON	HUMIDITY	TEMPERATURE	AIR PRESSURE
1	2020-03-18, 9:06 p.m.	1.6 pCi/L	31.0 %rH	68.0 °F	103.0760 kPa
2	2020-03-18, 10:06 p.m.	1.6 pCi/L	31.0 %rH	68.0 °F	103.0680 kPa
3	2020-03-18, 11:06 p.m.	0.2 pCi/L	31.0 %rH	68.4 °F	103.0660 kPa
4	2020-03-19, 12:06 a.m.	1.9 pCi/L	31.0 %rH	68.4 °F	103.0480 kPa
5	2020-03-19, 1:06 a.m.	0.5 pCi/L	30.5 %rH	68.7 °F	103.0060 kPa
6	2020-03-19, 2:06 a.m.	0.5 pCi/L	30.5 %rH	68.7 °F	103.0020 kPa
7	2020-03-19, 3:06 a.m.	1.4 pCi/L	30.0 %rH	68.7 °F	103.0160 kPa
8	2020-03-19, 4:06 a.m.	0.8 pCi/L	30.0 %rH	68.7 °F	102.9920 kPa
9	2020-03-19, 5:06 a.m.	0.5 pCi/L	29.5 %rH	68.7 °F	102.9660 kPa
10	2020-03-19, 6:06 a.m.	1.1 pCi/L	29.5 %rH	68.7 °F	102.9700 kPa
11	2020-03-19, 7:06 a.m.	1.6 pCi/L	29.0 %rH	68.7 °F	102.9660 kPa
12	2020-03-19, 8:06 a.m.	2.5 pCi/L	29.0 %rH	68.7 °F	102.9540 kPa
13	2020-03-19, 9:06 a.m.	0.5 pCi/L	29.0 %rH	68.7 °F	102.9280 kPa
14	2020-03-19, 10:06 a.m.	0.5 pCi/L	29.5 %rH	68.7 °F	102.9120 kPa
15	2020-03-19, 11:06 a.m.	1.4 pCi/L	29.5 %rH	68.7 °F	102.9260 kPa
16	2020-03-19, 12:06 p.m.	0.2 pCi/L	29.5 %rH	68.7 °F	102.9220 kPa
17	2020-03-19, 1:06 p.m.	1.6 pCi/L	30.0 %rH	68.7 °F	102.8720 kPa
18	2020-03-19, 2:06 p.m.	1.9 pCi/L	30.0 %rH	68.7 °F	102.7320 kPa

19	2020-03-19, 3:06 p.m.	1.6 pCi/L	30.0 %rH	69.1 °F	102.6400 kPa
20	2020-03-19, 4:06 p.m.	0.8 pCi/L	29.5 %rH	69.1 °F	102.6180 kPa
21	2020-03-19, 5:06 p.m.	1.1 pCi/L	29.0 %rH	68.7 °F	102.6060 kPa
22	2020-03-19, 6:06 p.m.	1.1 pCi/L	29.0 %rH	68.4 °F	102.5700 kPa
23	2020-03-19, 7:06 p.m.	1.3 pCi/L	28.5 %rH	68.4 °F	102.5580 kPa
24	2020-03-19, 8:06 p.m.	0.8 pCi/L	28.5 %rH	68.4 °F	102.5040 kPa
25	2020-03-19, 9:06 p.m.	1.6 pCi/L	29.0 %rH	68.4 °F	102.5080 kPa
26	2020-03-19, 10:06 p.m.	0.2 pCi/L	29.0 %rH	68.7 °F	102.4420 kPa
27	2020-03-19, 11:06 p.m.	0.2 pCi/L	29.0 %rH	68.4 °F	102.3380 kPa
28	2020-03-20, 12:06 a.m.	1.4 pCi/L	29.0 %rH	68.4 °F	102.2360 kPa
29	2020-03-20, 1:06 a.m.	0.5 pCi/L	29.0 %rH	68.4 °F	102.0700 kPa
30	2020-03-20, 2:06 a.m.	0.5 pCi/L	29.0 %rH	68.4 °F	101.8860 kPa
31	2020-03-20, 3:06 a.m.	1.1 pCi/L	29.0 %rH	68.4 °F	101.7300 kPa
32	2020-03-20, 4:06 a.m.	0.5 pCi/L	28.5 %rH	68.4 °F	101.5620 kPa
33	2020-03-20, 5:06 a.m.	1.6 pCi/L	28.5 %rH	68.7 °F	101.4280 kPa
34	2020-03-20, 6:06 a.m.	0.5 pCi/L	28.5 %rH	68.7 °F	101.2140 kPa
35	2020-03-20, 7:06 a.m.	0.5 pCi/L	28.5 %rH	68.7 °F	100.9620 kPa
36	2020-03-20, 8:06 a.m.	0.8 pCi/L	28.5 %rH	68.7 °F	100.8060 kPa
37	2020-03-20, 9:06 a.m.	1.9 pCi/L	28.5 %rH	68.4 °F	100.6520 kPa
38	2020-03-20, 10:06 a.m.	1.6 pCi/L	29.0 %rH	68.4 °F	100.4520 kPa
39	2020-03-20, 11:06 a.m.	1.1 pCi/L	29.5 %rH	68.4 °F	100.2620 kPa
40	2020-03-20, 12:06 p.m.	1.1 pCi/L	29.5 %rH	68.4 °F	100.0540 kPa
41	2020-03-20, 1:06 p.m.	1.1 pCi/L	30.0 %rH	68.4 °F	99.8760 kPa
42	2020-03-20, 2:06 p.m.	0.5 pCi/L	30.0 %rH	68.4 °F	99.6420 kPa
43	2020-03-20, 3:06 p.m.	0.2 pCi/L	30.0 %rH	68.0 °F	99.4080 kPa
44	2020-03-20, 4:06 p.m.	0.2 pCi/L	30.0 %rH	68.0 °F	99.1220 kPa
45	2020-03-20, 5:06 p.m.	1.3 pCi/L	30.0 %rH	68.0 °F	99.0140 kPa
46	2020-03-20, 6:06 p.m.	2.2 pCi/L	30.0 %rH	68.0 °F	98.9800 kPa
47	2020-03-20, 7:06 p.m.	1.1 pCi/L	30.0 %rH	68.0 °F	99.1720 kPa
48	2020-03-20, 8:06 p.m.	1.2 pCi/L	29.9 %rH	66.2 °F	99.9720 kPa

TEST INFORMATION



Average Radon Level:	1.0 pCi/L
Dataset Name	Richter
Start Date:	Mar. 18, 2020, 8:06 p.m.
End Date:	Mar. 20, 2020, 8:06 p.m.
Measurement Duration:	48h
Test Delay:	4h
Floor/Level:	Basement
Room:	Basement
Comment:	No comments

TEMPORARY CONDITIONS & DEVIATIONS FROM PROTOCOL



Temporary Conditions:	None documented.
Deviations from Protocol:	None documented.

Recommended Actions

<2.0 pCi/L - W/O MITIGATION SYSTEM

The measured average radon level is below the Environmental Protection Agency (EPA) Action Level of 4.0 pCi/L. The EPA recommends having this building retested at least once every 5 years to determine if a radon mitigation system is recommended at a later date since radon levels can change over time. Performing follow-up tests during the heating season is recommended since this is when radon levels tend to be the highest. A 12-month long test, or continuous monitoring, will most accurately reflect radon exposure throughout the year.

MONITOR INFORMATION



Serial Number:	1100001234
Calibration Expiration Date:	2021-01-01
Manufacturer:	Airthings
Model:	Corentium Pro
Noninterference Controls:	Corentium Pro uses a motion sensor to detect movement of the monitor during the measurement. It also records hourly temperature, humidity, and atmospheric pressure data to detect if closed-building conditions may have been broken during the measurement.

TIME REPORT WAS GENERATED

Unique Report ID: 1100001234-2020-03-19T00:06:00Z
Date Report Was Generated: 2020-04-01
Time: 4:00 p.m.

RADON PROFESSIONAL INFORMATION

Name: Zachary Knoblauch
Email address: info@rigidinspections.com
Phone number: 6189757031

STATEMENT OF LIMITATIONS

There is an uncertainty with any radon measurement result due to statistical variations in radiation, and other factors such as conditions which change daily and seasonally which can cause variations in indoor radon levels. These conditions can change based on the weather, the use or disuse of appliances, systems, and components of the structure, tampering with the radon test, or failure to comply with the closed-building conditions necessary for a valid radon measurement result.

ADDITIONAL RADON INFORMATION

For further information regarding your radon measurement report, radon exposure risk, a radon professional, or to obtain a list of certified radon measurement and mitigation professionals in your area, contact your jurisdiction's Department of Health.

RADON PROFESSIONAL'S SIGNATURE

This report is certified by Zachary Knoblauch.

Zachary Knoblauch

Electronic Signature

2020-10-13
City Name