

Robert E. Cooper, Home Inspector
R. E. Cooper Building Specialties Inc.

10 Elmridge Road, Jamesville, NY 13078

315-446-4258

NYS Inspection License # 16000009163

NY Lab ID#11875

Date of report: January 25, 2016

Radon Testing Results

Client:

Sample Report

Syracuse, NY 13210

Address tested:

Syracuse, NY 13210

This information verifies your testing agency is qualified by New York State to be performing radon tests. Your test may not be valid without this certification.

Device Type: Continuous radon monitor – Sun Nuclear Model # 1027

Laboratory Device # (1) Serial # 44850165

EPA Protocol: 402-R-92-004

Exposure Period: January 23, 2016 @ 4:35 pm to January 25, 2016 @ 6:25 pm

Test Location: Basement family room – bar stool near bar area front wall

Did test conditions meet EPA Protocols: Yes

Test Results: 7.8 pCi/L This result is above the EPA recommended action guideline level of 4.0 pCi/L of air. The uncertainty of this reading using the equipment specified for the number of hours reading were taken is approximately 3%.

Notice Required by NYS Law: If your radon levels are above 20.0 pCi/L and you are a New York State resident, you are advised to call the New York Department of Health, Bureau of Environmental Radiation Protection at 1-800-458-1158 for further technical advice and information.

Current EPA guidelines set 4.0 piC/L as the average continuous level at which the remedial action may be warranted. Further information is available from the EPA at web [Http://www.epa.gov/radon/realstate.html](http://www.epa.gov/radon/realstate.html). This test has been performed according to guidelines established by the EPA unless otherwise noted above. Further testing may be deemed appropriate due to fluctuation in the readings that may occur due to weather, seasonal conditions, or possible second party tampering.

This report has been issued for the exclusive use of the client, note above, and their authorized agents. Any third party use of this report without express permission of the client is prohibited and may result in legal liability.

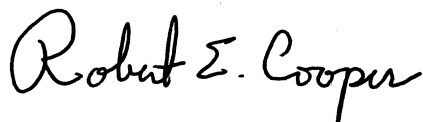
TERMS AND CONDITIONS:

The results of this type of test can easily be prejudiced to the low side by a home resident who purposely or inadvertently ventilates the house or area being tested prior or during the test. R. E. Cooper does not accept responsibility for the financial or health consequences resulting from any subsequent action taken by the client or its consultants based on the results of this test. Before expressive action is taken on the basis of the results reported, we recommend that further measurement be made.

The results of our testing represents the level of radon decay product concentration as it existed in the area measured during the time of our test only. Future test results may vary from those being submitted due to various seasonal changes and weather conditions which affect the ability of radon decay products to enter the structure.

We are pleased to have been of service to you. Please call our office if you have further questions about the testing or the levels of decay product reported.

Submitted by:

A handwritten signature in cursive script that reads "Robert E. Cooper".

Robert E. Cooper
Home Inspector

Interpreting the data: Radon levels in the air are primarily determined by the amount of radon that is in the soil under the building, but reading levels are affected by the air pressures that are present in the house. The amount of radon in the soil is relatively constant but the pressures vary due to wind speeds, wind direction, or temperatures. Therefore hourly readings will vary. The reported radon result is the average of these hourly readings. The EPA protocol requires a two-day minimum test period.

Any "P" on the test data indicates a loss of power during the period of the data point adjacent to the "P". A "T" indicates that the device has detected movement. "P" and "T" indicators commonly appear on test data and quite often do not have bearing on the accuracy of the test. These indicators have been evaluated prior to the release of this report. If these conditions were deemed to have affected the test, they are discussed in the body of the report.

Radon Report Test Data

Start Date: January 23, 2016
 Start Time: 4:35 pm
 Ending Date: January 25, 2016
 Ending Time: 6:25 pm

Serial # Laboratory Device # (1) Serial # 44850165

Ready

**Professional
Radon Monitor**

Start Date
 Start Time
 Serial #
 Location:

Signature:

Data in pCi/l
 Time Interval 1 Hr

2.8	9.6	9.6
6.8	10.4	12.0
10.4	12.0	10.8
12.0	8.4	8.8
8.8	9.6	8.4
8.4	9.2	9.2
8.0	7.2	5.1
11.2	7.6	8.0
9.6	9.6	7.6
8.8	P 8.8	9.6
9.2	8.0	7.6
10.4	4.3	3.6
4.3	3.1	5.1
4.8	5.1	2.8
2.8	4.8	3.1
4.3	4.8	8.0
10.0		

Overall Avg. = 7.7
 EPA Protocol Avg. = 7.8

0 8 16
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$\frac{1}{2.5(7.8)(45)} \times 100\% = 3\%$