

Radon Test Report

PASSIVE TEST KITS

Client Information

Name: _____

Test Address: _____

City: _____ State: _____ Zip Code: _____

Device Information

Device Model: _____ MDH License: _____

Test Unit #1

Test Location: _____ Serial #: _____

Start Date: _____ Start Time: _____ End Date: _____ End Time: _____

Average Radon Level: _____ pCi/L

Test Unit #2

Not applicable

Duplicate

Different Foundation

Test Location: _____ Serial #: _____

Start Date: _____ Start Time: _____ End Date: _____ End Time: _____

Average Radon Level: _____ pCi/L

- If test #2 was a duplicate, the average radon result is ___ pCi/L. This is the value that should be used for mitigation decisions.
- If test #2 was a test of a different foundation type, consider the results separately for mitigation decisions.

Note: mitigation decisions are to be based on the average results from either the average of two passive tests conducted at the same location OR the average result from a continuous radon monitor (CRM).

Recommendations

If this is a first test conducted using a single short-term passive detector, test this location again.

If the first result is higher than 8.0 pCi/L, conduct a second short-term test immediately.

If the first result is between 4.0-8.0 pCi/L, conduct a second short-term or long-term test.

Average the two short-term test results and follow the recommendations below:

Test result is 4.0 pCi/L or greater

- Fix the building if test results indicate occupants may be exposed to radon concentrations that meet or exceed the EPA action level of 4.0 pCi/L.
- Efforts to reduce radon concentrations are not complete until a retest provides evidence of effectiveness. Complete a short-term radon test between 24 hours and 30 days after the installation of a mitigation system.
- Retest every 2 years to ensure the system remains effective.

Test results between 2.0 and 4.0 pCi/L

- Consider fixing the building if the test results indicate radon levels greater than half the action level.
- Tests conducted when heating systems are active both day and night are more likely to provide a clear characterization of potential radon hazards.

When to Retest

- Retest every 5 years if NO mitigation system is installed.
- Retest in conjunction with the sale of any new or existing buildings.
- Be certain to test again if and when any of the following circumstances occur:
 - A new addition is constructed or alterations for building rehab or reconfiguration occur;
 - A ground contact area not previously tested is occupied, or a home is newly occupied;
 - Heating and cooling systems are significantly altered;
 - Ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures;
 - Significant openings to the soil occur due to:
 - Groundwater or slab surface water control systems that are altered or added (ex. sumps, perimeter drain tile, shower/tub retrofits) or,
 - Natural settlement causing major cracks to develop
 - Earthquakes, construction blasting, or formation of sink holes nearby; or
 - A mitigation system is altered, modified or repaired

Observed Test Conditions

Radon levels in a home can be influenced by many factors, including weather, season, living conditions, and occupancy patterns. Temporary conditions observed during the testing period may cause the test to not reflect the client’s risk from radon.

Property Conditions and Test Device Placement

Property was occupied during the test	Yes	No	N/D
Responsible party signed non-interference agreement	Yes	No	
Thermostat set between 65-80° F	Yes	No	
Closed-building conditions observed at start of the test	Yes	No	
Devices were placed in a location that meets the minimum requirements of the standard	Yes	No	
Property had multiple foundation types	Yes	No	

Explain any no or not determined answers:

Test Retrieval

Building was NOT under closed house conditions at device retrieval	Yes	No	
Test devices were found in a different location than the start of the test	Yes	No	N/D
CRM data indicates potential device movement during test period	Yes	No	
Unusually severe weather events occurred during the test period	Yes	No	N/D

Explain any yes or not determined answers:

Mitigation Systems

Property had a mitigation system installed	Yes	No	N/D
Active radon mitigation system was functional	Yes	No	

Explain how it was determined that the mitigation system works (ex. manometer showed fan activity):

Heating, Cooling, and Ventilation Systems

Property had a forced-air HVAC system	Yes	No	
If yes, indicate fan setting on HVAC system	On	Auto	Off
Occupants were using a window AC unit during the test period	Yes	No	N/D
If yes, was the AC set to recirculate indoor air?	Yes	No	
Property has an energy recovery ventilator (ERV) or a heat recovery ventilator (HRV)	Yes	No	N/D
If yes:			
ERV/HRV intake was free of obstacles and debris	Yes	No	N/D
ERV/HRV was set to lowest seasonal occupied level	Yes	No	N/D
Sub-slab return ducts were observed	Yes	No	N/D

Comments:

Radon Professional Information

Company: _____ Name: _____

MDH License #: _____ Phone: _____

Email: _____

Radon Information

More information is available by contacting the Minnesota Department of Health.

Phone: 651-201-4601, Website: mn.gov/radon, Email: health.indoorair@state.mn.us

Minnesota Department of Health | Indoor Air Unit
651-201-4601, health.indoorair@state.mn.us, mn.gov/radon

10/06/2023. To obtain this information in a different format, call: 651-201-4601.