

# Radon Testing

## Understanding how to do it yourself

Always test during normal operating hours between October and April

## Home Type Facilities

These directions apply to facilities that were originally built as a home for residential use, have been converted to a child care facility and only have 1 HVAC system.

### Testing Directions

1. Determine what type of foundation you have:
  - a. Basement
  - b. Slab
  - c. Crawl space
  - d. Combination of any listed above
2. Determine how many test kits you need:
  - a. You need to test the most frequently occupied space in contact with every type of foundation listed in number 1. Example: If you have a basement and a crawl space, purchase 2 test kits.
  - b. Do not test bathrooms, kitchens, closets, hallways, or laundry/utility rooms.
3. Follow the testing instructions on the kits you purchase.

If your home type facility has more than 1 HVAC system

GO TO

**Directions for schools and commercial buildings**

## Schools & Commercial Buildings

### Testing Directions

1. Determine how many test kits you need:
  - a. You need to test every frequently occupied space in contact with the ground or above crawl spaces.
  - b. For large rooms, you need a test kit for every 2,000 square feet.
  - c. Do not test bathrooms, kitchens, closets, hallways, or laundry/utility rooms.
2. Follow the testing instructions on the kits you purchase.



**COLORADO**

Division of Environmental Health & Sustainability

Department of Public Health & Environment

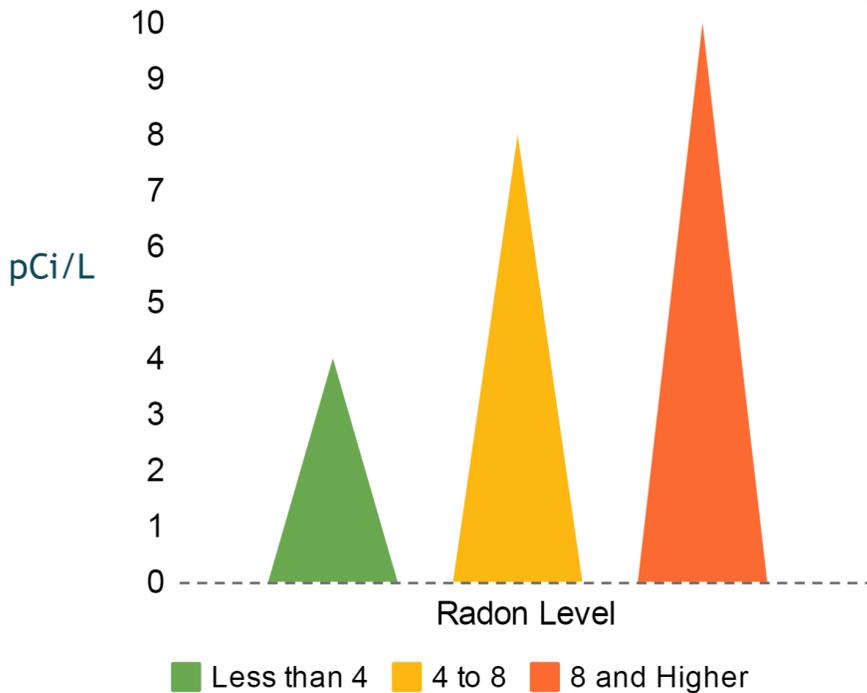
For additional testing guidance refer to the American Association of Radon Scientists and Technologists (AARST) Protocol for Conducting Radon and Radon Decay Product Measurements in Schools and Large Buildings, 2014.

# Radon Results

## Understanding the Results

### What's Next?

Refer to the graph below to understand the results of your radon test.



THE AVERAGE  
RADON LEVEL IN

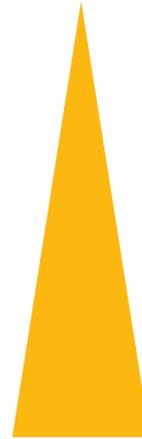
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is **6.34 pCi/L**

If all results are less than 4 pCi/L, then no further action is recommended. However, testing every 5 years is recommended.



If one or more rooms have a result of 4 pCi/L to 8 pCi/L, we recommend conducting a long term test in those room(s). If long term tests of one or more rooms have results above 4 pCi/L, mitigation is recommended.



If one or more rooms have a result greater than 8 pCi/L, a second short term test should be conducted. If levels are still above 8 pCi/L, mitigation is recommended.



## Mitigation

In rooms with results between 4 to 8 pCi/L, radon levels can often be decreased in schools and commercial buildings with minor adjustments to the heating, ventilation, and air conditioning systems by increasing air flow to these rooms. These rooms should be tested again after adjustments are made.

Mitigation systems can also be installed that will ventilate the radon gas into the atmosphere. Radon mitigation systems should only be installed by a certified contractor and radon tests should always be done post-mitigation to ensure the level has been reduced to below 4 pCi/L.

### For More Information

(303)692-3645  
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