

VERMONT DEPARTMENT OF HEALTH LABORATORY

Physical: 359 South Park Drive, Colchester, VT 05446

Mailing: PO Box 1125, Burlington, VT 05402-1125

1-800-660-9997 (VT only) or 1-802-338-4724

Monday through Friday 7:45 am – 4:30 pm

Thank you for purchasing a Radon in Air long term test (Kit RH). Begin this test within **14 days** of purchasing. Do NOT open the E-PERM device.

What will I need to collect the sample? This sampling kit contains:

One long term E-PERM device

Sample Collection Information for Analysis of Radon in Air form (CHEM 210)

Where do I sample? On the lowest level of the home that could be used regularly.

Sample Collection Instructions

1. Prepare

- Remove the E-PERM from the plastic bag and save the bag, white box, and mailing box.
- **Do NOT write on the white box.**
- Select the sampling location: find a place on the lowest level of the home that could be used regularly whether it is finished or unfinished. Locate the test away from the kitchen, bathroom, laundry room, garage, crawl space, sump pumps, and CRT televisions (flat screen TVs are okay).

2. Collect

- Place the E-PERM device at least 3 feet above the floor in the sample location. **Do NOT open the E-PERM.** Make sure there are no objects within 4 inches of the top of the device.
- Record the date and time on the *Sample Collection Information for Analysis of Radon in Air form (CHEM 210)*.
- Leave the E-PERM for 3-12 months if you have not tested this house previously. If a previous result was greater than 40 pCi/L, keep the E-PERM open for 15 - 30 days. Longer test periods yield more representative results.

3. Return

- Place the E-PERM device in the resealable bag and fill out the date and time testing is finished on the *Sample Collection Information for Analysis of Radon in Air form (CHEM 210)*. Place the bagged E-PERM in the white box.
- Samples can be mailed or delivered to the lab during normal business hours (see above). Sample should be received within **5 days** of placing in the resealable bag.
- If mailing device, place the white box in the brown mailing box and mail to:
PO Box 1125, Burlington, VT 05402-1125.
- **Do NOT throw out the kit.** The price paid is a testing fee and does NOT cover the cost of the equipment. EPERMs, regardless of whether they have been exposed.

Can the laboratory reject or qualify my sample?

Yes. Possible reasons may include holding the E-PERM for greater than 14 days before testing, not returning the E-PERM within 5 days of finishing the test, or not following placement instructions.

Radon in Air Sampling Instructions for Kit RH (Long Term LLT), Version: 6.0, CHEM-425

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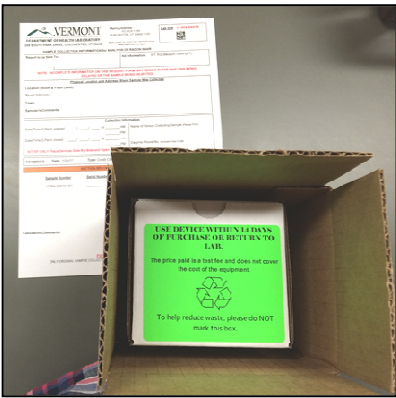
When can I expect my test results?

Test results will be mailed about 7 business days after the sample is received.

Additional information can be found at <http://www.healthvermont.gov/radon>.

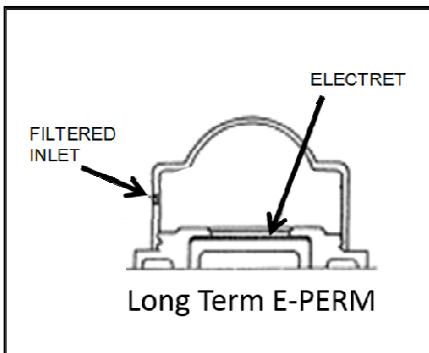
Example Pictures

1. Prepare



- Remove the E-PERM device from the plastic bag and save the bag, white box, and mailing box.
- Do NOT write on the white box.
- Select sampling location: find a place on the lowest level of the home that could be used regularly whether it is finished or unfinished. Locate the test away from the kitchen, bathroom, laundry room, garage, crawl space, sump pumps and CRT televisions. Flat screen TVs are okay.
- Minimize air exchange during the testing period.

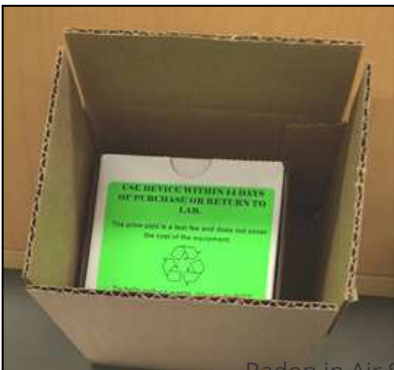
2. Collect



- Leave the E-PERM device in the location determined above.
- Do Not Open E-PERM Device.
- Place E-PERM at least 3 feet above the floor. Make sure there are no objects within 4 inches of the top of the EPERM.
- Fill out paperwork (*CHEM 210*) including date and time E-PERM was removed from resealable bag.
- Leave the E-PERM device for 3-12 months if no previous

measurement has been made.

3. Return



- Place the E-PERM device in the resealable bag. Record date and time testing is finished. Return E-PERM to the lab within 5 days of finishing test.
- Samples accepted during business hours at physical address (see above).
- Samples can be mailed to: PO Box 1125 Burlington, VT 05402-1125
- Do not mail the white box only. Place in the brown mailing box.

Radon in Air Sampling Instructions for Kit RH (Long Term LLT), Version: 6.0, CHEM-425