

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 medium term test (Kit RG). Begin this test within **14 days** of purchasing.

What will I need to collect the sample? The sampling kit includes:

One medium term E-PERM device

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

Where do I sample? Place the E-PERM device in the lowest livable (finished) level of the home.

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 livable level of the home that is away from the kitchen, bathroom, laundry room, garage, crawl space, sump pumps, and CRT televisions (flat screen TVs are okay). An unfinished basement is not considered livable.

2. Collect

- Open the E-PERM device by unscrewing the top (see picture on back) in the sample location and place or hang at least 3 feet above the floor. Make sure there are no objects within 4 inches of the top of the device.
- Record the date and time opened on the *Sample Collection Information for Analysis of Radon in Air form (CHEM 210)*.
- Leave the E-PERM open for 30 – 90 days 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

- Close the E-PERM device firmly and fill out the date and time closed on the *Sample Collection Information for Analysis of Radon in Air form (CHEM 210)*. Place the E-PERM in the plastic bag, white box and then mailing box.
- Samples can be mailed or delivered to the lab during normal business hours (see above). Samples should be received within **5 days** of closing the E-PERM.
- If mailing the device, place the white box in the brown mailing box and mail to:
PO Box 1125, Burlington, VT 05402-1125.

Can the laboratory reject or qualify my sample?

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

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>.

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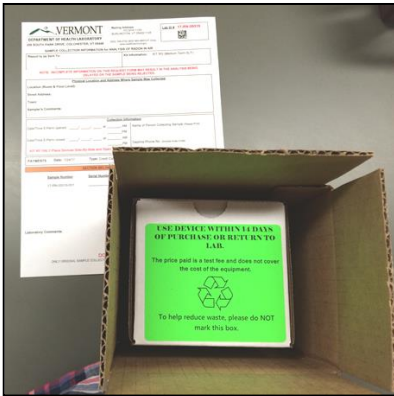
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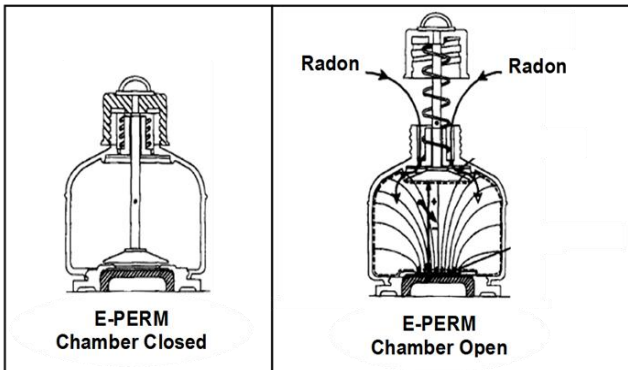
Example Pictures

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 livable (finished) level of the home 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 test period.

2. Collect



- Open the E-PERM device by unscrewing the top in the location determined above. Place or hang 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 opened.
- Leave the E-PERM device open for 30 – 90 days if no previous measurement has been made.

3. Return



- Close E-PERM and record date and time of closing. Return E-PERM device to the lab within 5 days of closing.
- Samples accepted during business hours at physical location (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.