

VERMONT DEPARTMENT OF HEALTH LABORATORY

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

**RADON IN AIR SAMPLING INSTRUCTION
FOR KIT RF (Short Term - SST)**

Please read prior to collection of sample. If these instructions are not followed closely it may result in the analysis being delayed or the sample being rejected.

OPEN E-PERMs WITHIN 14 DAYS OF PURCHASING.

NOTE: Place the two testing devices side by side when conducting short term radon in air testing (Kit RF).

Expect test results to be mailed within 7 business days from date of sample receipt.

What you will need to do testing:

Two Short Term (SST) E-PERMs

Form "Sample Collection Information for Analysis of Radon in Air", CHEM 210

HOUSE PREPARATION

Close outside doors and windows for a period of at least 12 hours before opening the short term E-PERMs. Keep outside doors and windows closed during the measurement period except for normal entering and exiting.

Fans and ventilation systems which draw in outside air or exhaust inside air, must not be operated during the measurement period (e.g. clothes dryers which exhaust to the outside must not be used). Fireplaces must not be used and their dampers must be closed if they are on the same floor as the radon measurement being taken. Measurements should not be made during heavy rain or very windy and stormy days, if possible.

SAMPLING INSTRUCTIONS

1. Prepare house for radon measurement and then remove both E-PERMs from the resealable plastic bags. Open the E-PERM by UNSCREWING THE CAP on the top. A spring inside will lift the cap which opens the E-PERM. Please see picture on the back of this page. Repeat these instructions for the second E-PERM and place both devices side-by-side.

SAVE THE MAILING BOX AND PLASTIC BAG! OPEN both devices within 14 days of purchase or return to lab.

2. Place or hang the E-PERMs at least 3 feet above the floor in the LOWEST LIVABLE AREA of the home. No object should be within 4 inches of the top of the E-PERMs. Do not place the E-PERMs in the kitchen, bathroom, laundry room, garage, root cellar, crawl space, near sump pumps or near television sets. Avoid drafty areas.
3. Carefully record the date and time the E-PERMs are placed in the testing location on the "Sample Collection Information for Analysis of Radon in Air", CHEM 210 form. Keep this form for

entering the E-PERMs' closing date and time. Please indicate the address at which the measurement is made and the address to which the results are to be sent. Please do not use a P.O. Box number for the measurement address.

4. Leave the E-PERMs open for 2 to 7 days (exposure period).
5. At the end of the exposure period, compress and screw each E-PERM cap back firmly.
6. Carefully record the date and time the E-PERMs are closed and their location in the house (e.g. basement) on the form "*Sample Collection Information for Analysis of Radon in Air*", CHEM 210.
7. Place each E-PERM back into the resealable plastic bag. DO NOT PUT ANY FORMS IN THE PLASTIC BAG. Place the bagged E-PERMs and "*Sample Collection Information for Analysis of Radon in Air*", CHEM 210 in the cardboard mailing box. IT IS IMPORTANT TO RETURN THE E-PERMs WITHIN 5 DAYS TO THE LABORATORY FOR ANALYSIS.

MAIL OR DELIVER PROMPTLY TO THE LABORATORY FOLLOWING THE SAMPLING PERIOD. THE SAMPLE SHOULD BE RECEIVED DURING LABORATORY BUSINESS HOURS, 7:45 A.M. - 4:30 P.M., MONDAY TO FRIDAY.

If you have questions or suggestions regarding these instructions, please call or write to us. Thank you for using our laboratory.

