



## OCCUPANT COMPLIANCE WITH CLOSED HOUSE CONDITIONS

For conducting a short-term radon measurement in Kentucky, the Environmental Protection Agency's (US EPA) definition of closed-house condition is used as the guide for all closed house condition verifications. The US EPA requires that closed-house conditions are established at least twelve (12) hours before commencing short-term tests, verified before deploying measurement equipment and maintained during testing.

Our short-term test period is 48 hours. We must have closed-house conditions in effect at least 12 hours prior to testing. We use two methods to accomplish this:

1. Establishing closed-house conditions 12 hours prior to deployment of equipment and start of measurement.
2. Deployment of equipment, with 12 hour delay programmed measurement.

The following conditions must remain intact throughout closed-house conditions:

- All external doors and windows must be kept closed; except for time required for normal entry and exiting of the home.
- External/Internal air exchange systems (other than a furnace or central air conditioning system) must not be operated. Exhaust fans and window air conditioning units must not be operated.
- Fireplaces and wood stoves must not be operated. The dampers must remain closed. Exemption: Primary heat source.
- Permanent radon mitigation systems must be functioning and running for at least 24 hours prior to and during the test period.
- Winds should be less than 30 miles per hour.

I am required to explain these closed-house conditions to a responsible occupant, or designated representative, of the home to be tested before a short-term test. Your signature is requested to verify I have explained closed-house conditions, and that you, the responsible occupant or representative, agree to maintain these conditions throughout the test period.

Name (printed)

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Signature

Date

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Responsible Occupant or Designated Representative (circle one)

Radon Measurement Specialist

Date

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