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## Dakota Professional Home Inspections

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and timely responses."*



### CLOSED HOUSE CONDITIONS

#### Closed-house Conditions

The weather and building ventilation conditions prior to and during the measurement are in accordance with the guidelines set forth by the EPA (Device Protocols [EPA 1992], Section 1.2.2, page 1-2). These guidelines are paraphrased in the instructions to clients.

- Closed-house conditions require that all the windows and doors are kept closed. External and any basement to first floor doors are closed except for normal momentary entering and exiting. Structural openings due to disrepair or structural defects that allow a significant amount of ventilation are repaired to correct their condition before initiation of closed-house conditions. The test technician at the placement and retrieval of the detector inspects all exterior windows and doors. The test technician walks around the outside of the house to inspect for closed-house condition.
- Heating, air conditioning, and the recovery ventilators can be operated normally. Operation of dryers, range hoods, and bathroom fans should be kept to a minimum. The responsible individual, however, should be informed that overuse of an appliance that exhausts air may influence the final readings.
- Whole house fans are not operated. Portable window fans are removed from the window or sealed in place. Window air conditioning units are only operated in a re-circulating mode. If the dwelling contains an air handling system, the air handling system is not set for continuous operation unless the air handling equipment is specifically used for radon control and labeled as such.
- Fireplaces or combustion appliances are not to be operated unless they are the primary sources of heat for the dwelling. Ceiling fans, portable dehumidifiers, portable air filters and window air conditioners are not operated within twenty feet of the detector.
- Closed-house conditions are maintained for twelve hours prior to the start of the radon survey, if the test period is four days or fewer in duration and recommended for tests up to seven days long. (Company A) inquires with the responsible individual to determine if closed-house conditions have been maintained for the twelve hours prior to the start of the test.