

Section 422. Appendix E Diagram of Room Worksheet for Radon Measurements

This worksheet may be used in accordance with Section 422.130(o)(1)(L)(ii). Complete all areas of the worksheet and include a separate worksheet for each foundation type measured. A copy of each worksheet shall be retained as a permanent record and included as part of a measurement report in accordance with Section 422.130(o).

Placement of Measurement Devices

Short-term or long-term measurements shall be made in each lowest structural area suitable for occupancy. For example, a split-level building with a basement, a slab-on-grade room and a room over crawlspace shall have measurements made in each of the foundation types: the basement, a slab-on-grade room and a room over the crawlspace.

Measurement devices shall be **(check all that apply)**:

- Made in rooms that can be regularly occupied such as family rooms, living rooms, dens, playrooms and bedrooms.
- Charcoal canisters shall not be placed in bathrooms, kitchens, laundry rooms, spa rooms or other areas of high humidity.
- Undisturbed during the measurement period;
- At least 3 feet from doors, windows to the outside, or ventilation ducts and out of the direct flow of air from the ventilation duct;
- At least 1 foot from exterior walls;
- 20 inches to 6 feet from the floor;
- At least 4 inches away from other objects horizontally or vertically above the detector;

Diagram of Room Measured (The following information shall be included)

- 1) All windows and doors. Annotate exterior walls and the direction of north or the front of the building.
- 2) Factors that may effect the measurement, including but not limited to crawlspace vents, fireplaces, combustive appliances, floor drains, furnaces, dryers, water heaters and mitigation systems.
- 3) Include measurements (to the nearest inch) from the testing device to two separate walls.
- 4) Current room use (ex.: family room, bedroom, unfinished basement, playroom). _____
- 5) Address: _____
- 6) Device S/N(s) _____
- 7) Foundation Type _____

Key: D = Door, F = Furnace, EW = Exterior Wall, IW = Interior Wall, FD = Floor Drain, HW = Hot Water Heater
SP = Sump Pit, M = Monitor, SS = Security Sealed, EP = Ejector Pit, V = Ventilation, W = Window

One Square = _____. Height from Floor _____. X = _____ Y = _____

