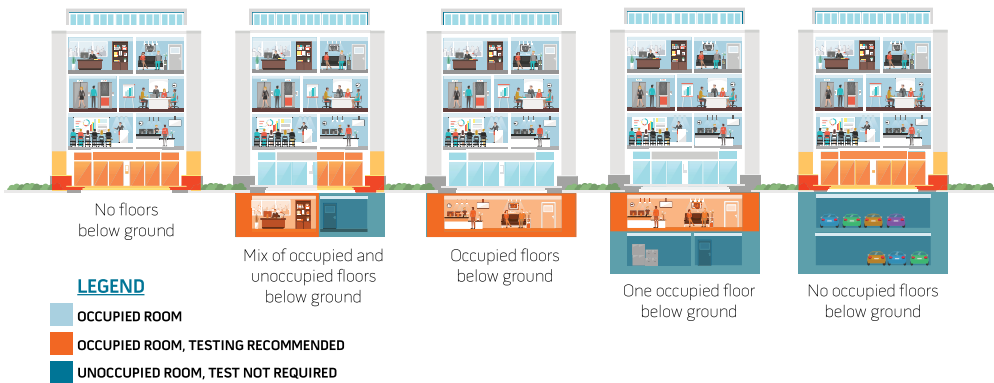


# GUIDANCE FOR PLACING TESTS IN A WORKPLACE/PUBLIC BUILDING

## Where to Test

Test all occupied rooms with floors or walls that are in direct contact with the ground or a crawl space. If none of these levels have occupied rooms, test all occupied rooms on the first occupied level.



Additional tests may be used on top floors of buildings.

Place tests on occupied rooms on the highest floor to determine radon levels due to a possible stack effect from elevator shafts, other utility shafts, stairwells, or fresh air and heating, ventilation and air conditioning (HVAC) ducts.

**Occupied** is defined as a room where people spend 4 hours per day or more

**Rooms** are defined as an area with walls from floor to ceiling (or false ceiling).

*Thus cubicles would not be treated as individual rooms. The entire square footage occupied by cubicles would be needed and the area (200 m<sup>2</sup>) would be treated as one room.*

**Tests will be placed and left in location for 3-month test will be done.**

## Where to Locate the Detector

Choose a location for the device which is:

- by an interior wall at a location between 0.8 m to 2 m (3 to 6.5 feet) from the floor and at least 50 cm (20 inches) from the ceiling (in the typical breathing zone)
- 20 cms (8 inches) from other objects
- 40 cm (16 inches) from an interior wall
- 50 cm (20 inches) from an exterior wall

Do **not** place the detector by heating, ventilating and air conditioning vents, doors, fans, windows, fireplaces, electrically powered equipment, on computers, television sets, stereos or speakers, or in direct sunlight.

## Quality Control Tests: *(additional required tests)*

- one duplicate detector should be placed side-by-side (10 cm or 4" apart) with a second detector with every 10 detectors deployed