

- Perform IAQ testing within the breathing zone between 3 and 6 feet above the finished floor and for a duration of continuous 8 hours.
- Air samples shall be collected during regular operational hours. Ventilation and air conditioning systems should be operating in their normal operating mode for the entire duration of the testing.
- Outdoor samples may also be needed for comparison with indoor samples for some conditions, such as temperature and relative humidity, and some contaminants, such as airborne dust.
- All individual testing equipment and sensors shall have initial and final calibration certificate conforming the compliance levels by DM approved external calibration agency.
- IAQ parameter testing is required to be performed for each parameter for each sampling location, in accordance with the DM requirements.

### Sampling Locations

Sampling location for various buildings are stated in Table 401.07 (2) and 401.07 (3).

**Table 401.07(2): Requirement for Number of IAQ Samples**

Hotels, Motels and Furnished Apartments & Resorts			
Villas	Studios, One Bedrooms, Two Bedrooms	Duplex Rooms	Pent Houses
1 in 5 for each typology + 1 per floor	1 in 5 for each typology	1 in 5 for each typology + 1 per floor	1 in 5 for each typology + 1 for every 500 m <sup>2</sup>

**Table 401.07(3): Requirement for Number of IAQ Samples**

Shopping Mall	Educational Facilities	Government Buildings	Health Care Facilities	Mosques and Worship Buildings
1 for every 500 m <sup>2</sup> of Office Area + 1 for every 1000 m <sup>2</sup> of public areas + 1 per floor	1 in 3 for each typology + 1 for every 1,000 m <sup>2</sup> of complex + 1 per floor	1 for every 500 m <sup>2</sup> of Office Area + 1 per floor	1 in 3 for each room typology + 1 for each operation theaters + 1 per floor	1 for every 500 m <sup>2</sup> + 1 per floor