

Isolation of pollutant sources (fig. 401.04(1)) can be carried out by providing:

- Weather-stripping all doors leading from these spaces into common areas and occupied spaces.
- Self-closing doors, as well as floor to ceiling partitions to create an enclosed space.

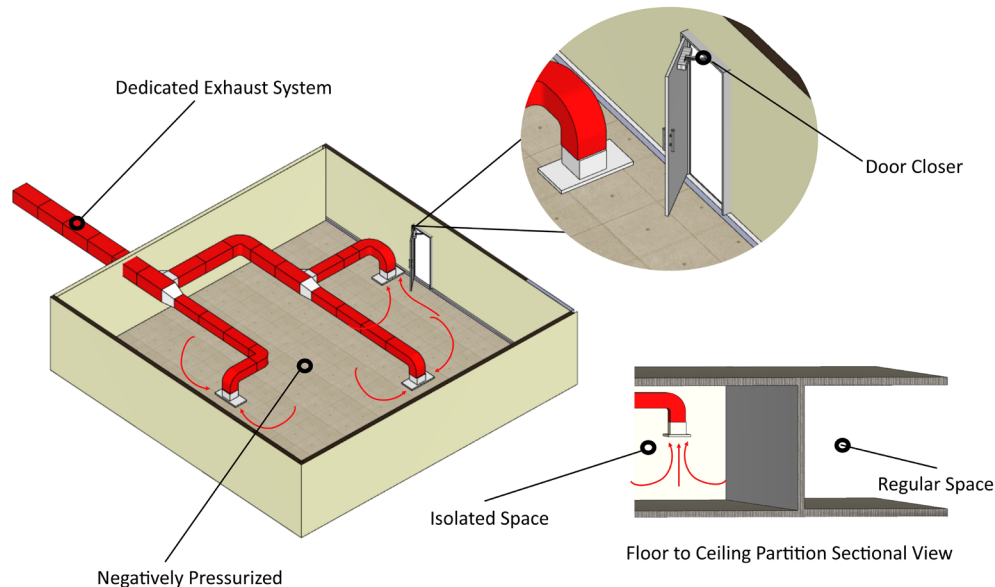


Fig 401.04(1): Sample Methods for Isolation of Pollutant Sources

- Direct connection to a dedicated exhaust system that discharges these hazardous fumes or chemicals outside the building (the discharge of waste gases, fumes and dusts shall be in accordance with Dubai Municipality's requirements).
- Separate rooms where chemicals are mixed and disposed. These rooms should also include sinks and /or drains to ensure that chemicals are disposed properly and in compliance with Dubai Municipality's requirements.
- Separation distance between the exhaust outlet of the hazardous pollutant and outdoor air intakes or operable windows and doors must meet the ASHRAE 62.1, Table 5.5.1 and ASHRAE 62.2, section 6.8, minimum requirements in order to avoid re-entry of this hazardous discharge into occupied spaces.
- By creating negative pressure with respect to adjacent spaces.

ASHRAE standard 62.1 provides guidance on Minimum Ventilation rates for different rooms and occupational categories.

The storage of any Hazardous / dangerous material must be carried out in accordance with Dubai Municipality's requirements.