

Smoke and environmental ventilation of multi-storey buildings using shafts

The presentation will cover the prevailing legislation and guidelines for various types of buildings, including:

- 1) Prescriptive staircase requirements for fire-fighting and means of escape in residential buildings
 - Ventilation of fire fighting stairs
 - Natural ventilation to BS 5588 Part 5
 - Natural shafts to BS 5588 Part 5
 - BRE Shafts to BS 5588 Part 5
 - Mechanical shafts as an alternative solution
- 2) Ventilation of common corridors in residential buildings:
 - Natural ventilation to ADB 2006
 - Natural Shafts to ADB 2006
 - Pressurisation/ mechanical ventilation
- 3) Extended travel distances in common corridors using mechanical shafts