

11.0

MEANS OF ESCAPE

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THIS SECTION DEALS WITH THE FIRE SAFETY MANAGEMENT PROCESSES FOR THE EMERGENCY EVACUATION OF BUILDING USERS.

PERFORMANCE OBJECTIVE

The design and layout of a building shall enable all users to evacuate the building independently and safely in the event of a fire or emergency. For vulnerable users for whom this is not practicable management processes shall be in place to ensure that they receive assistance from staff and / or have access to and the use of auxiliary aids to assist them to evacuate the building safely. Fire safety management plans shall be updated on a regular basis for the lifetime of the building.

11.1.1 MANDATORY PROVISIONS

The fire safety management processes will satisfy the performance objectives if:

1. An accessible means of egress is provided and maintained for the lifetime of the building.
2. The building complies with BS 9999: 2008 or BS 7974: 2001 or equivalent and has a comprehensive and integrated

package of fire safety measures appropriate to its size, use and facilities.

3. The Fire Safety Management Plan takes into account the full range of people who may use the building and is updated whenever there are changes to the construction and / or use of the building and on a regular basis.
4. Staff are adequately trained to carry out the procedures necessary for the safe evacuation of the building.
5. Provisions as detailed in Table 5 are being met.
6. Emergency communication systems are provided.
7. Stairway identification photo-luminescent signage is provided as well as stair markings.

8. The responding fire brigade are able to access a fire on any floor and begin suppression operations within 30 minutes of transmission of the alarm call, 95% of the time.
9. 98% of the expected occupants can evacuate the building in a time not greater than 50% of the required fire resistance of the primary structure without outside assistance.

REQUIREMENT	APPLICATION
Fire Fighting Lifts	If building has occupied floor 22.86 above lowest level of fire vehicle access
Emergency Evacuation designed lifts	If building has occupied floor 22.86 above lowest level of fire vehicle access
Protected refuge areas and provision of devices for taking people up or down stairs	Where Emergency Evacuation designed lifts are not provided.
1400mm wide minimum stair width	Where stairs are the Primary means of access
1100mm wide minimum stair width	Where an emergency lift is provided.
Video cameras in every stairways at every 5 flights linked to emergency control room.	If building has occupied floor 22.86 above lowest level of fire vehicle access

Table 8 - Means of Escape