

STANDARDS AUSTRALIA

Amendment No. 2
to
AS 3745:2010
Planning for emergencies in facilities

REVISED TEXT

The 2010 edition of AS 3745 is amended as follows; the amendments should be inserted in the appropriate places.

SUMMARY: This Amendment applies to Clauses 1.4.14A, 1.4.20A, 1.4.20B, 3.5.1, 3.5.2, 3.5.3, 3.5.5, 3.5.6, 4.2.5, 4.2.6.3, 5.7.2, 6.3.3, Appendix B, and Figure 3.1.

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Clause 1.4.14A (new)

Add the following new term and definition (after Clause 1.4.14):

1.4.14A Emergency Service(s)

The State or Territory authority responsible for emergency response or recovery.

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Clause 1.4.20A (new)

Add the following new term and definition (after Clause 1.4.20):

1.4.20A First-attack firefighting equipment

Portable fire extinguishers, fire hose reels and fire blankets, which are used to fight fires in their early stages.

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Clause 1.4.20B (new)

Add the following new term and definition (after Clause 1.4.20A):

1.4.20B First-response emergency equipment

Resources, such as automatic external defibrillators (AEDs), spill kits and first aid kits, which are used to address various emergency scenarios in their early stages.

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Figure 3.1 (as amended by Amd 1:2014)

Delete the figure and *replace* with the following:



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Clause 3.5.1

- 1 Add new second paragraph as follows:

Where emergency and evacuation information is included on the evacuation diagram, this information shall reflect the facility emergency and evacuation information as documented in the emergency plan.

- 2 Add new Note (after Note 3), as follows:

- 4 For facilities with larger floor areas such as hospitals, tunnels, large office floors, warehouses, universities, shopping centres, etc., the pictorial representation should be prepared in sections or areas so that no more than two exits are shown on each pictorial representation.

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Clause 3.5.2

Add new Note at the end of the Clause, as follows:

NOTE: Evacuation diagrams should not be fitted to fire doors, smoke doors or other fire resistant elements of construction unless this has been tested or a formal opinion has been obtained from an appropriate authority (e.g. a testing laboratory or professional engineer).

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Clause 3.5.3

Delete existing text and *replace* with the following:

The evacuation diagram should be positioned with the bottom edge of the diagram at a height not less than 1200 mm or the top edge not more than 1600 mm above the plane of the finished floor.

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Clause 3.5.5

1 Item (a), *delete* Notes 1 and 2 and *replace* with the following Note:

NOTE: External elements, such as fences, roads, landscaping, external buildings, etc., should be excluded from the pictorial representation unless part of the exit pathway.

2 Item (e)(ii), *delete* existing text and *replace* with the following:

Manual call points (MCPs), which shall be red, and emergency call points (ECPs), which shall be white with a black border.

3 Item (i), *delete* the word 'coloured' from the sentence.

4 *Add* new Items (o) and (p), as follows:

(o) Paths of travel, which shall be green.

(p) Location of facility, including address, postcode, location of access street(s), nearest cross street and name of facility (if available), either stated in words or pictorially represented.

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Clause 3.5.6

1 *Delete* Item (g).

2 *Add* new Items (k) to (m), as follows:

(k) Automatic external defibrillator(s) (AED).

(l) Electrical switchboard location(s).

(m) Solar power isolation point(s).

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Clause 4.2.5

1 *Delete* existing text and *replace* with the following:

The procedures should include appropriate information and instructions on the use of any first-attack firefighting equipment and first-response emergency equipment that is in place in a facility.

2 *Delete* Note.

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Clause 4.2.6.3

1 Item (c), *insert* Note at the end of the item, as follows:

NOTE: Shelter in place (no evacuation) may be the appropriate option in response to threats to safety, such as lightning storms, severe storms, floods, dust, smoke from adjacent structures, bushfires or grass fires, air-borne toxic agents, gas leaks or dangerous animals.

2 Item (d), *delete* text and *replace* with the following:

(d) *Escape, Hide, Tell* Where immediate escape from the facility is not considered personally safe, then occupants should hide out of sight and remain silent, or alternatively take other action to protect their safety.

NOTE: For further assistance and the latest information about the Escape, Hide, Tell methodology, see the Australian National Security website (www.nationalsecurity.gov.au) to access the Australian-New Zealand Counter-Terrorism Committee publication, *Active Armed Offender Guidelines for Crowded Places*.

- 3 Item (e), *add* the following new item:
- (e) *Lockdown* The process of securing a facility (full or partial) or an area to protect its occupants in response to an occurring or imminent threat that may have the potential to cause harm.

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Clause 5.7.2

- 1 Item (c)(vi), *delete* ‘first-attack equipment’ and *replace* with ‘first-attack firefighting equipment’.
 - 2 Item (d)(ii), *delete* ‘first-attack equipment’ and *replace* with ‘first-attack firefighting equipment’.
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Clause 6.3.3

- 1 Item (h), *delete* ‘first-attack equipment’ and *replace* with ‘first-attack firefighting equipment’.
 - 2 Item (i), *delete* ‘first-attack equipment’ and *replace* with ‘first-attack firefighting equipment’.
 - 3 Item (j), *delete* ‘first-attack equipment’ and *replace* with ‘first-attack firefighting equipment’.
 - 4 Item (k), *delete* ‘first-attack equipment’ and *replace* with ‘first-attack firefighting equipment’.
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Appendix B, Paragraph B3.2

Item (c), *delete* existing text and *replace* with the following:

Search followed by an evacuation. (If an item matches the description of the threat language or is deemed suspicious then an evacuation should be ordered).
