

Emergency lighting and exit signs for buildings

Part 1: System design, installation and operation

Amendment No. 1

Revised text amendment

Publishing and Approval Dates

Council of Standards Australia Approval: 29 April 2021

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Summary

This Amendment applies to the following elements:

- Preface
- Clauses 2.3.3, 3.2.2, 3.3.1, 4.8.2, 7.4.3, D3.5.2
- Figures 1.1, 4.2, 4.3, C3, C5, C8
- Tables D1 (new), E1, E2, E3, E4, E5, F1, F2, F3, F4, F5
- Appendix A
- Bibliography

Amendment Details

AS/NZS 2293.1:2018 is amended as follows. The amendments should be inserted in the locations as instructed.

Element	Instruction / New text
Preface	<i>Delete</i> the last sentence of the twelfth paragraph and <i>replace</i> with the following: Further, with changing technology, unlike fluorescent and incandescent types typical of the available light sources at the time of publication of previous editions of this Standard, some luminaires including modern LEDs do not produce light beyond their assessed geometric limitation and therefore may not achieve the current minimum at all points on the floor.
Fig 1.1	1 <i>Delete</i> the word "LEGEND": and <i>replace</i> with "Key". 2 <i>Delete</i> the figure title and <i>replace</i> with the following: EXAMPLES OF EMERGENCY LUMINAIRE OPERATING TYPES
Cl 2.3.3	<i>Delete</i> the clause title and <i>replace</i> with the following: Monitoring of supply failure
Cl 3.2.2	<i>Delete</i> the clause text, excluding the note, and <i>replace</i> with the following: Visual indication of battery charger operation shall be provided. The indicator shall conform with all of the following: (a) Either red or green in colour under normal operating conditions. (b) Arranged such that failure of the indicator device will not render the emergency luminaire or exit sign inoperative.

Element**Instruction / New text**

(c) Located in a position that will be visible when mounted in any designed attitude or adjacent to the test switch where the control gear is remote mounted.

(d) Visible without obstruction from an accessible position.

It is permissible to use this indicator to display additional information, e.g. by flashing.

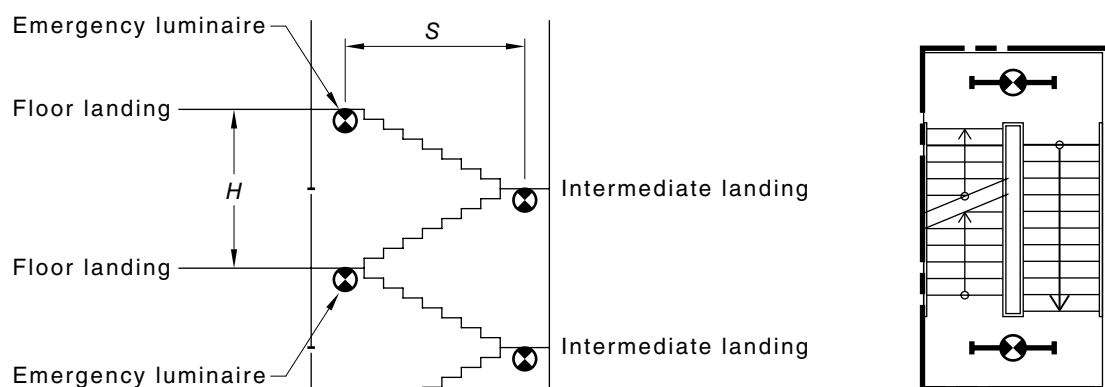
CI 3.3.1

Delete the first paragraph first sentence and *replace* with the following:

Facilities shall be provided for conducting a discharge test on all emergency luminaires and exit signs without requiring disconnection of supply to the normal lighting.

Fig 4.2

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

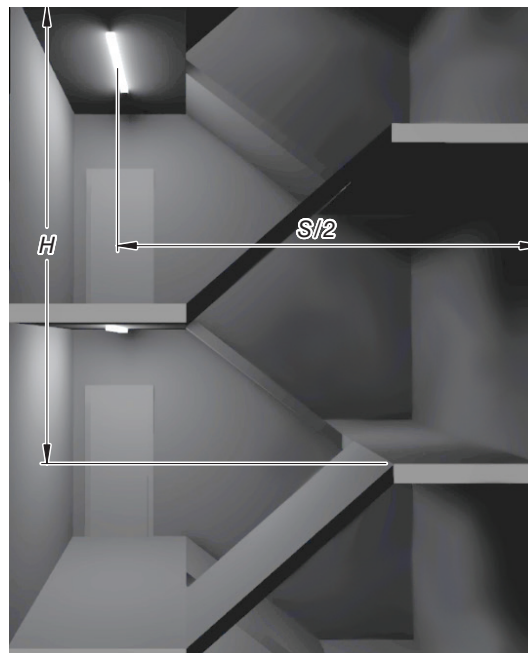
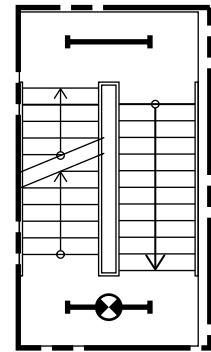
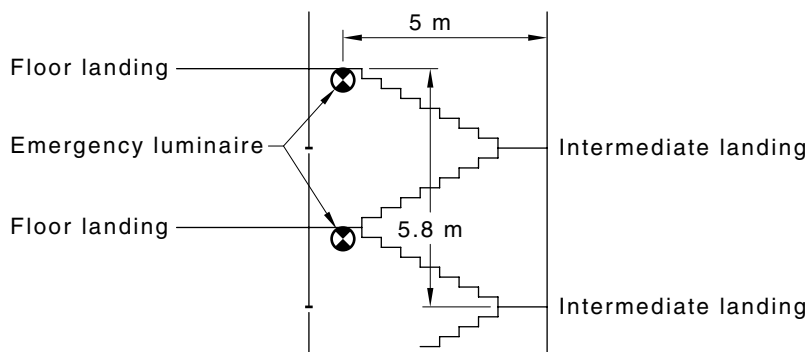


2 *Delete* the figure title and *replace* with the following:

FIGURE 4.2 EXAMPLE OF EMERGENCY LUMINAIRES LOCATED ON INTERMEDIATE LANDINGS IN AN ENCLOSED STAIRWELL

Fig 4.3

Delete the figure and *replace* with the following:



Cl 4.8.2

- 1 After the fourth paragraph (before the example) *insert* the following text:
To cater for light source depreciation associated with maintained or combined maintained emergency luminaires a de-rating factor shall be applied. The de-rated classification shall require selection of the next higher classification in the spacing tables in Appendix F.

NOTE: Although Tables F1 to F5 provide for a wide range of possible luminaire classifications, it should not be assumed that emergency luminaires corresponding to all of these classifications will be necessarily available. A check should be made with the suppliers of emergency luminaires to determine the available range of luminaire classifications.
- 2 *Delete* the last sentence of the example and *replace* with the following:
The required luminaire classification is then D50. However, for a maintained or combined maintained emergency luminaire required classification is D63 to allow for lumen depreciation.

Cl 7.4.3

Delete Item (b) and *replace* with the following:

- (b) Final sub-circuits shall be protected in accordance with Clause 7.4.2(b) except references to WS4X shall be replaced with WS1X.

App A

Delete the following:

ISO

3864 Graphical symbols—Safety colours and safety signs