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AS 2293.1-2005 Emergency escape lighting and exit signs for buildings. Part 1: System design, installation and operation

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Abbreviation

AS 2293.1-2005

Amendment

AS 2293.1-2005/Amdt 1-2008. AS 2293.1-2005/Amdt 2-2014

Valid from

12/05/2005

Information provider

SAI Global

Author

Standards Australia

Information type

Australian Standard

Format

PDF

Cited By

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Cites

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Description

This Standard specifies the requirements for the design and installation of systems of emergency escape lighting and illuminated exit signage intended to illuminate upon failure of supply to the normal lighting. It includes requirements specific to central battery and single point/self contained arrangements.

Scope

The scope of this Standard does not include the following:

- Constructional (including appearance) requirements for emergency escape luminaires and exit signs. These requirements can be found in AS 2293.3.
- Requirements for maintaining an emergency escape lighting installation once installed. These requirements can be found in AS/NZS 2293.2.
- Specification of the types of buildings or particular spaces that are required to be provided with emergency escape lighting. This is typically set out in the Building Code of Australia (BCA).
- Requirements for emergency evacuation lighting of the interior of lift cars. These requirements can be found in AS 1735.
- Requirements for high-risk task area lighting.

- Requirements for standby lighting.

Due to the known detrimental effect of smoke on the visual conditions provided by emergency lighting, it is recommended that provision be made to keep escape paths as free from smoke as possible by means such as construction techniques and ventilation.

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This resource is cited by:

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This document is CITED BY:

- [F6/AS1 \(Third Edition, Amendment 2\)](#)
AS 2293.1-2005 is cited by Acceptable Solution F6/AS1: Visibility in Escape Routes from 18/10/2007
- [F6/AS1 \(Third Edition, Amendment 4\)](#)
AS 2293.1-2005 is cited by Acceptable Solution F6/AS1: Visibility in Escape Routes from 18/10/2007
- [F6/AS1 \(Third Edition, Amendment 3\)](#)
AS 2293.1-2005 is cited by Acceptable Solution F6/AS1: Visibility in Escape Routes from 18/10/2007
- [F8/AS1 \(Second Edition, Amendment 2\)](#)
AS 2293.1-2005 is cited by Acceptable Solution F8/AS1: Signs from 10/04/2012
- [F8/AS1 \(Second Edition, Amendment 4\)](#)
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- [F8/AS1 \(Second Edition, Amendment 3\)](#)
AS 2293.1-2005 is cited by Acceptable Solution F8/AS1: Signs from 10/04/2012
- [AS 2293.3-2005](#)
AS 2293.1-2005 is cited by AS 2293.3-2005 Emergency escape lighting and exit signs for buildings. Part 3: Emergency escape luminaries and exit signs
- [AS/NZS 1680.1:2006](#)
AS 2293.1-2005 is cited by AS/NZS 1680.1:2006 Interior and workplace lighting - Part 1: General principles and recommendations
- [AS/NZS 3000:2007](#)
AS 2293.1-2005 is cited by AS/NZS 3000:2007 Electrical installations (known as the Australian/New Zealand Wiring Rules)

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This document CITES:

New Zealand Standards

- [AS/NZS 2293.2:1995](#)

AS 2293.1-2005 cites AS/NZS 2293.2:1995 Emergency evacuation lighting for buildings - Inspection and maintenance

- [AS/NZS 3013:1995](#)

AS 2293.1-2005 cites AS/NZS 3013:1995 Electrical installations - Classification of the fire and mechanical performance of wiring systems

Australian Standards

- [AS 1680.3-1991](#)

AS 2293.1-2005 cites AS 1680.3-1991 Interior lighting - Part 3: Measurement, calculation and presentation of photometric data

- [AS 2293.3-2005](#)

AS 2293.1-2005 cites AS 2293.3-2005 Emergency escape lighting and exit signs for buildings. Part 3: Emergency escape luminaires and exit signs

- [AS 3011.1-1992](#)

AS 2293.1-2005 cites AS 3011.1-1992 Electrical installations - Secondary batteries installed in buildings - Part 1: Vented cells

- [AS 3011.2-1992](#)

AS 2293.1-2005 cites AS 3011.2-1992 Electrical installations - Secondary batteries installed in buildings - Part 2: Sealed cells

- [AS 4044-1992](#)

AS 2293.1-2005 cites AS 4044-1992 Battery chargers for stationary batteries

- [AS 60269.1-2005](#)

AS 2293.1-2005 cites AS 60269.1-2005 Low-voltage fuses - Part 1: General requirements

- [AS 62040.1.1-2003 \(R2013\)](#)

AS 2293.1-2005 cites AS 62040.1.1-2003 (R2013) Uninterruptible power systems (UPS) - Part 1.1: General and safety requirements for UPS used in operator access areas

- [AS 62040.1.2-2003 \(R2013\)](#)

AS 2293.1-2005 cites AS 62040.1.2-2003 (R2013) Uninterruptible power systems (UPS) - Part 1.2: General and safety requirements for UPS used in restricted access locations

Other

- [IEC 60051-1 \(6.0 b \(2016\)\)](#)

AS 2293.1-2005 cites IEC 60051-1 Direct acting indicating analogue electrical measuring instruments and their accessories - Part 1: Definitions and general requirements common to all parts

- [IEC 60051-2 \(4.0 b \(1984\)\)](#)

AS 2293.1-2005 cites IEC 60051-2 Direct acting indicating analogue electrical measuring instruments and their accessories. - Part 2: Special requirements for ammeters and voltmeters

- [IEC 60051-9 \(4.0 b \(1988\)\)](#)

AS 2293.1-2005 cites IEC 60051-9 Direct acting indicating analogue electrical measuring instruments and their accessories. - Part 9: Recommended test methods

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