

Dear Customer

Please find enclosed Amendment 2, effective 14 February 2014, to the Acceptable Solution and Verification Method for Clause G8 Artificial Light of the New Zealand Building Code. The previous amendment (Amendment 2, Second Edition) was in July 2001.

Section	Old G8	February 2014 Amendments to G8
Title pages	Remove title page and document history page 1/2	Replace with new title page and document history pages 1–2B
Code Clause G8	Remove pages 3/4	Replace with new pages 3/4
References	Remove page 7/8	Replace with new page 7/8
Definitions	Remove page 9/10	Replace with new page 9/10



MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT
HĪKINA WHAKATUTUKI

Acceptable Solutions and Verification Methods

For New Zealand Building Code Clause
G8 Artificial Light



Status of Verification Methods and Acceptable Solutions

Verification Methods and Acceptable Solutions are prepared by the Ministry of Business, Innovation and Employment in accordance with section 22 of the Building Act 2004. Verification Methods and Acceptable Solutions are for use in establishing compliance with the New Zealand Building Code.

A person who complies with a Verification Method or Acceptable Solution will be treated as having complied with the provisions of the Building Code to which the Verification Method or Acceptable Solution relates. However, using a Verification Method or Acceptable Solution is only one method of complying with the Building Code. There may be alternative ways to comply.

Users should make themselves familiar with the preface to the New Zealand Building Code Handbook, which describes the status of Verification Methods and Acceptable Solutions and explains alternative methods of achieving compliance.

Defined words (italicised in the text) and classified uses are explained in Clauses A1 and A2 of the Building Code and in the Definitions at the start of this document.

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**Verification Methods and Acceptable Solutions
are available from www.dbh.govt.nz**

New Zealand Government

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Document Status

The most recent version of this document (Amendment 2), as detailed in the Document History, is approved by the Chief Executive of the Ministry of Business, Innovation and Employment. It is effective from 14 February 2014 and supersedes all previous versions of this document.

The previous version of this document (Amendment 1) will cease to have effect on 14 August 2014.

People using this document should check for amendments on a regular basis. The Ministry of Business, Innovation and Employment may amend any part of any Verification Method or Acceptable Solution at any time. Up-to-date versions of Verification Methods and Acceptable Solutions are available from www.dbh.govt.nz

G8: Document History			
	Date	Alterations	
First published	July 1992		
Amendment 1	Effective from 1 July 2001 until 14 August 2014	p. 2, Document History, Status p. 9, Definitions	
Amendment 2	14 February 2014	p. 2A, Document History, Status p. 3, Code Clause G8	p. 7, References p. 9, Definitions
Note: Page numbers relate to the document at the time of Amendment and may not match page numbers in current document.			

New Zealand Building Code

Clause G8 Artificial Light

This Clause has been extracted from the New Zealand Building Code contained in the First Schedule of the Building Regulations 1992.

CLAUSE G8—ARTIFICIAL LIGHT	
Provisions	Limits on application
<p>OBJECTIVE</p> <p>G8.1 The objective of this provision is to safeguard people from injury due to lack of <i>adequate</i> lighting.</p> <p>FUNCTIONAL REQUIREMENT</p> <p>G8.2 Spaces within <i>buildings</i> used by people, shall be provided with <i>adequate</i> artificial lighting which, when activated in the absence of sufficient natural light, will enable safe movement.</p> <p>PERFORMANCE</p> <p>G8.3 <i>Illuminance</i> at floor level shall be no less than 20 lux.</p>	<p>Requirement G8.2 shall apply to:</p> <ul style="list-style-type: none"> (a) All <i>exitways</i> in <i>Multi-unit Dwellings</i>, <i>Group Dwellings</i> and <i>Communal Residential</i> [(except <i>backcountry huts</i>)], <i>Communal Non-residential</i>, <i>Commercial</i> and <i>Industrial buildings</i>, (b) All <i>access routes</i> except those in <i>Outbuildings</i> [, <i>backcountry huts</i>,] and Ancillary buildings, and (c) All common spaces within <i>Multi-unit Dwellings</i>, <i>Group Dwellings</i>, and <i>Communal Residential</i> [(except <i>backcountry huts</i>)] and <i>Communal Non-residential buildings</i>. <p>[Performance G8.3 does not apply during a failure of the main lighting, when the requirements in Clause F6 “Visibility in escape routes” apply.]</p>

Updated
31 Oct 2008

Updated
31 Oct 2008

Updated
31 Oct 2008

Updated
21 Jun 2007

References

For the purposes of New Zealand Building Code compliance, the acceptable New Zealand and other Standards, and other documents referred to in this Verification Method and Acceptable Solution (primary reference documents) shall be the editions, along with their specific amendments, listed below. Where the primary reference documents refer to other Standards or other documents (secondary reference documents), which in turn may also refer to other Standards or other documents, and so on (lower order reference documents), then the applicable version of these secondary and lower order reference documents shall be the version in effect at the date this Verification Method and Acceptable Solution were published.

Amend 2
Feb 2014

Standards Association of New Zealand

NZS 6703: 1984 Code of practice for interior lighting design
Amend C1: 1985

Amend 2
Feb 2014

Where quoted

VM1 1.0.1

Definitions

Amend 2
Feb 2014 | This is an abbreviated list of definitions for words or terms particularly relevant to this Verification Method and Acceptable Solution. The definitions for any other italicised words may be found in the New Zealand Building Code Handbook.

Amend 1
Jul 2001 |

Amend 2
Feb 2014 | **Illuminance** The luminous flux falling onto a unit area of surface (lumen/m²).

Amend 1
Jul 2001 |

Reflectance The ratio of the flux reflected from a surface to the flux incident on it.

