

Dear Customer

Please find enclosed Amendment 6, effective 14 February 2014, to the Acceptable Solution and Verification Method for Clause G9 Electricity of the New Zealand Building Code. The previous amendment (Amendment 5) was in September 2010.

<b>Section</b>	<b>Old G9</b>	<b>February 2014 Amendments to G9</b>
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MINISTRY OF BUSINESS,  
INNOVATION & EMPLOYMENT  
HĪKINA WHAKATUTUKI

# Acceptable Solutions and Verification Methods

For New Zealand Building Code Clause  
**G9 Electricity**



## 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](http://www.dbh.govt.nz)**

## New Zealand Government

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## Document Status

The most recent version of this document (Amendment 6), 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 5) 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](http://www.dbh.govt.nz)

<b>G9: Document History</b>			
	<b>Date</b>	<b>Alterations</b>	
First published	July 1992		
Amendment 1	September 1993	p. vi, References p. 1, 1.0.1	p. 3, 1.0.1 p. 4, Index
Amendment 2	1 December 1995	pp. i and ii, Document History p. vi, References	p. 1, 1.0.1
Amendment 3	1 July 2001	p. 2, Document History, Status p. 9, Definitions	
Amendment 4	23 June 2007	p. 2, Document History, Status p. 7, References p. 9, Definitions	p. 11 VM1 p. 13 AS1, 1.0.1, 2.0.1
Amendment 5	Published 30 June 2010 Effective from 30 September 2010 until 14 August 2014	p. 2, Document History, Status p. 3, Code Clause G9 p. 7, References	
Reprinted incorporating Amendments 1–5	30 September 2010		
Amendment 6	14 February 2014	p. 2A, Document History, Status p. 7, References	p. 9, Definitions
<b>Note: Page numbers relate to the document at the time of Amendment and may not match page numbers in current document.</b>			



# 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 4  
Jun 2007

Amend 6  
Feb 2014

Amend 6  
Feb 2014

## Standards New Zealand

AS/NZS 3000: 2007 Electrical installations  
*Amends: 1 and 2*

Amends  
5 and 6

## Publications by New Zealand Ministry of Economic Development

NZCEP 34: 2001	Electrical safety distances
NZCEP 36: 1993	Harmonic levels
NZCEP 51: 2004	Homeowner/occupier's electrical wiring work in domestic installations
NZCEP 54: 2001	Installation of recessed luminaires and auxiliary equipment

Amend 4  
Jun 2007

## Where quoted

VM1 1.0.1,  
AS1 2.0.1

VM1 1.0.1

VM1 1.0.1

AS1 1.0.1

VM1 1.0.1





# Definitions

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 6  
Feb 2014

Amend 4  
Jun 2007

**Accessible** Having features to permit use by a *person with a disability*.

**Building** has the meaning ascribed to it by Sections 8 and 9 of the Building Act 2004.

**Building element** Any structural and non-structural component or assembly incorporated into or associated with a *building*. Included are *fixtures*, services, *drains*, permanent mechanical installations for access, glazing, partitions, ceilings and temporary supports.

**Electrical installation** Any electrical fixed appliances, and components used in the reticulation of electricity, which are intended to remain permanently attached to and form part of the *building*.

**Electrical supply system** The source of electricity external to the *electrical installation*.

**Essential service** In the context of an *electrical installation* means emergency lighting, firemen's lifts, alarms, water pumps, sprinklers, detectors, ventilation systems and public address systems necessary for the safety of people in *buildings*.

**Intended use** in relation to a *building*:

- a) includes any or all of the following:
  - i) Any reasonably foreseeable occasional other use that is not incompatible with the *intended use*; and
  - ii) Normal maintenance; and
  - iii) Activities taken in response to *fire* or any other reasonably foreseeable emergency
- b) but does not include any other maintenance and repairs or rebuilding.

Amend 4  
Jun 2007

**Person with a disability** means a *person* who has an impairment, or a combination of impairments, that limits the extent to which the person can engage in the activities, pursuits and processes of everyday life, including, without limitation, any of the following:

- a) a physical, sensory, neurological, intellectual impairment or
- b) a mental illness.

Amend 4  
Jun 2007

