

Please find enclosed Amendment 11, effective 30 November 2018, to the Acceptable Solutions and Verification Methods for Clause G12 Water Supplies of the New Zealand Building Code. The previous amendment to the G12 Acceptable Solutions and Verification Methods (Amendment 10) was in January 2017.

Section	Previous amendment	November 2018 Amendment 11
Title pages	Remove document status and document history page 2A/2B	Replace with new document status and document history page 2A/2B
References	Remove page 9/10	Replace with new page 9/10

Document Status

The most recent version of this document (Amendment 11), as detailed in the Document History, is approved by the Chief Executive of the Ministry of Business, Innovation and Employment. It is effective from 30 November 2018 and supersedes all previous versions of this document.

The previous version of this document (Amendment 10) will cease to have effect on 31 March 2019.

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.building.govt.nz

G12: Document History				
	Date	Alterations		
First published	July 1992			
Amendment 1	September 1993	pp. vi–viii, References p. ix, Definitions p. 15, Table 4 p. 16, 4.5.1, 4.5.3	p. 19, 5.2.2 b) p. 22, Table 7 p. 26, Index	
Amendment 2	19 August 1994	pp. i and ii, Document History p. v, Contents p. viii, References p. 3, 2.2.1 e)	p. 6, 2.6, 2.6.1 p. 19, 4.13.1, 4.14, 4.14.1 p. 26, 29, Index	
Amendment 3	1 December 1995	p. ii, Document History pp. vi–viii, References	p. 5, Table 1 p. 6, 2.5.2	
Second edition published July 2001	Effective from 1 October 2001	Document revised – Second edition issued		
Amendment 4	6 January 2002	pp. 3–5 Code Clause G12		
Amendment 5	25 February 2004	p. 2, Document History p.7, Contents pp. 9–11 References	pp. 23-38, 3.7.1, 3.7.4, 4.1, 6.2.1, 6.3.2–6.15, Figure 13 pp. 43-45 Index	
Amendment 6	23 June 2007	p. 2, Document History, Status pp. 9 and 11, References	p. 13, Definitions p. 15, VM1 1.0.1	
Third edition published October 2007	Effective from 1 December 2007	Document revised – Third edition issued	G12/AS1 amended: p. 27, Table 5 p. 32, 6.5.1 p. 35, 6.9, 6.10 p. 36, 6.11.5	p. 37, 6.14.3 p. 38, 6.15 (deleted) p. 40, 7.5.2 New Acceptable Solution G12/AS2 included
Amendment 7	Published 30 June 2010 Effective from 30 September 2010	p. 2, Document History, Status pp. 3 and 4, Code Clause G12 pp. 7–10, References	p. 17, G12/AS1 2.1.2, Table 1 p. 27, G12/AS1 Table 5 p. 32, G12/AS1 Table 6	p. 41, G12/AS1 9.3.2
Amendment 8	Effective from 10 October 2011 until 14 August 2014	p. 2, Document History, Status pp. 7–10, References p.12, Definitions p. 21, G12/AS1 3.6.1	p. 23, G12/AS1 3.7.2 p. 41, G12/AS1 9.3.2 p. 43, G12/AS2 1.1.1	
Amendment 9	14 February 2014 until 30 May 2017	p. 2A, Document History, Status pp 7, 8, 10 References p. 11 Definitions	p. 17 G12/AS1 2.1.2 p. 27 G12/AS1 Table 5 p. 40 G12/AS1 7.5.2	pp. 44–47, 49–50, 64, G12/AS2 2.1.4, 3.1.1, 3.2.1, 3.6.1, 3.6.2, 7.2.3, Tables 1, 2 and 3
Amendment 10	Effective 1 January 2017 until 31 March 2019	pp. 9, 10 References p.17 G12/AS12.2, Table 1 p. 21 G12/AS1 3.6.2	p. 23 G12/AS1 3.7.4 p. 24 G12/AS1 5.2.3 p. 32 G12/AS1 Table 6	p. 35 G12/AS1 6.11.3 p. 43 G12/AS2 1.1.1 p. 51 G12/AS2 4.2.2, 5.0.1
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Note: Page numbers relate to the document at the time of Amendment and may not match page numbers in current document.				

Standards Australia

AS 1308: 1987 Electric water heaters – Thermostats and thermal cut-outs
Amend: 1

AS 1357: Water valves for use with unvented water heaters
Part 1: 2009 Protection valves
Amend: 1, 2
Part 2: 2005 Control valves
Amend: 1, 2

Amend 7
Sep 2010

AS 2845: Water supply – Mechanical backflow prevention devices
Part 3: 1993 Field testing and maintenance
Amend: 1

Amend 8
Oct 2011

Amend 7
Sep 2010

Australia/New Zealand Standards

AS/NZS 1170: Structural Design Actions
Part 0: 2002 General principles
Amend: 1, 2 and 4
Part 1: 2002 Permanent, imposed and other actions
Amend: 1, 2
Part 2: 2011 Wind Actions
Amend: 1, 2 and 3
Part 3: 2003 Snow and ice actions
Amend: 1

Amend 10
Jan 2017

Amend 8
Oct 2011

NZS 1170:
Part 5: 2004 Earthquake design actions – New Zealand

AS/NZS 1477: 2006 PVC pipes and fittings for pressure applications
Amend: 1

Amend 7
Sep 2010

AS/NZS 2032: 2006 Installation of PVC pipe systems
Amend: 1

Amend 8
Oct 2011

AS/NZS 2642: Polybutylene pipe systems
Part 1: 2007 Polybutylene (PB) pipe extrusion compounds
Part 2: 2008 Polybutylene (PB) pipe for hot and cold water applications

Amend 8
Oct 2011

Part 3: 2008 Mechanical jointing fittings for use with polybutylene (PB) pipes for hot and cold water applications
Amend: 1

Where quoted

AS1 6.5.1

AS1 Table 6

AS1 6.14.2 b),
Table 6

AS1 3.6.1 b),
3.7.2

AS2 1.1.1

AS2 1.1.1

AS2 1.1.1

AS2 1.1.1

AS2 1.1.1

AS1 Table 1

AS1 7.4.1, 7.5.2

AS1 Table 1

AS1 Table 1

AS1 Table 1

		Where quoted	
Amend 9 Feb 2014	AS/NZS 2712: 2007 Solar and heat pump water heaters – Design and construction <i>Amend: 1, 2 and 3</i>	AS2 3.1.1, 3.6.1	
Amend 10 Jan 2017	AS/NZS 2845: Water supply – Backflow prevention devices Part 1: 2010 Materials, design and performance requirements <i>Amend: 1</i>	AS1 3.6.2	
Amend 10 Jan 2017	AS/NZS 60335.2.35: 2013 Household and similar electrical appliances. Safety – Part 2.35 Particular requirements for instantaneous water heaters	AS1 Table 5	
Amends 7 & 10			
Amend 10 Jan 2017	AS/NZS 3500: Plumbing and drainage Part 1: 2015 Water services <i>Amend: 1</i>	VM1 1.0.1 a), AS1 3.5.2 Comment VM1 1.0.1 b)	
Amends 9 & 11	Part 4: 2015 Heated water services <i>Amend: 1</i>	AS2 1.1.1, 4.2.2 Comment, 5.0.1	Amend 11 Nov 2018
	AS/NZS 4020: 2005 Testing of products for use in contact with drinking water	AS1 2.1.2	
	AS/NZS 4129: 2008 Fittings for polyethylene (PE) pipes for pressure applications <i>Amend: 1</i>	AS1 Table 1	
Amend 10 Jan 2017	AS/NZS 4130: 2009 Polyethylene (PE) pipes for pressure applications <i>Amend: 1</i>	AS1 Table 1	
Amend 7 Sep 2010	AS/NZS 4692: Electric water heaters Part 2: 2005 Minimum Energy Performance Standards (MEPS) requirements and energy labelling	AS2 3.1.2	
	AS/NZS 5000.1 2005 Electric cables – Polymeric insulated – For working voltages up to and including 0.6/1 (1.2) kV <i>Amend: 1</i>	AS1 9.3.2	
Amend 7 Sep 2010			
	AS/NZS 5000.2 2006 Electric cables – Polymeric insulated Part 2: For working voltages up to and including 450/750 v.	AS1 9.3.2	
Amend 8 Oct 2011			
	New Zealand Regulations		
	Gas Regulations 1993	AS1 Table 5	
	Master Plumbers, Gasfitters and Drainlayers NZ Inc and Water New Zealand		
	NZ Backflow testing standard 2011 Field testing of backflow prevention devices and verification of air gaps	AS1 3.6.1 b), 3.7.2	
Amend 8 Oct 2011			