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Acceptable Solution G12/AS2: Solar Water Heaters

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Abbreviation

G12/AS2

Amendment

12

Version

Third Edition, Amendment 12

Valid from

27/06/2019

Information provider

Ministry of Business, Innovation and Employment

Information type

Acceptable Solution

Format

PDF

Cites

[This resource cites 14 documents \(show Citations\)](#)

Description

Acceptable Solution G12/AS2 provides a means of compliance with Building Code Clause G12 Water Supplies for solar water heaters. G12 requires the safe supply, storage, reticulation and delivery of hot and cold water.

It requires buildings provided with water outlets, sanitary fixtures or sanitary appliances to have safe and adequate water supplies (including where hot water is necessary). It sets out requirements to avoid scalding, injury, leaks, contamination, illness and the prevention of legionella growth.

Scope

This Acceptable Solution applies to solar water heaters installed in or on buildings.

Previous versions:

[G12/AS2 \(Third Edition, Amendment 11\)](#)

[G12/AS2 \(Third Edition, Amendment 10\)](#)

[G12/AS2 \(Third Edition, Amendment 9\)](#)

[G12/AS2 \(Third Edition, Amendment 8\)](#)

[G12/AS2 \(Third Edition, Amendment 7\)](#)

For assistance with locating previous versions, please contact the information provider.

Notes/comments

Amendment 12 of G12 includes Alterations on:

- page 10 References
- page 15 G12/VM1 1.0.1
- page 20 G12/AS1 3.5.2
- page 51 G12/AS2 4.2.2

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Previous versions

[G12/AS2 Amendment 11 Third Edition, Amendment 11](#)
[G12/AS2 Amendment 10 Third Edition, Amendment 10](#)
[G12/AS2 Amendment 9 Third Edition, Amendment 9](#)
[G12/AS2 Amendment 8 Third Edition, Amendment 8](#)
[G12/AS2 Amendment 7 Third Edition, Amendment 7](#)

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- page 10 References
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This resource cites:

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This document CITES:

New Zealand Standards

- [AS/NZS 1170.0:2002](#)

G12/AS2 cites AS/NZS 1170.0:2002 Structural Design Actions - General principles from 01/12/2007

- [AS/NZS 1170.1:2002](#)

G12/AS2 cites AS/NZS 1170.1:2002 (R2016) Structural Design Actions - Permanent, imposed and other actions from 01/12/2007

- [AS/NZS 1170.2:2011](#)

G12/AS2 cites AS/NZS 1170.2:2011 (R2016) Structural Design Actions - Wind Actions from 01/01/2017

- [AS/NZS 1170.3:2003 \(Reconfirmed in 2016\)](#)

G12/AS2 cites AS/NZS 1170.3:2003 (R2016) Structural Design Actions - Snow and ice actions from 01/12/2007

- [AS/NZS 2712:2007](#)

G12/AS2 cites AS/NZS 2712:2007 Solar and heat pump water heaters - Design and construction from 01/12/2007

- [AS/NZS 3500.4:2018](#)

G12/AS2 cites AS/NZS 3500.4:2018 Plumbing and drainage Part 4: Heated water services from 27/06/2019

- [AS/NZS 4692.2:2005](#)

G12/AS2 cites AS/NZS 4692.2:2005 (R2016) Electric water heaters - Minimum Energy Performance Standards (MEPS) requirements and energy labelling from 01/12/2007

- [NZS 1170.5:2004](#)

G12/AS2 cites NZS 1170.5:2004 Structural Design Actions - Part 5: Earthquake design actions - New Zealand from 01/12/2007

- [NZS 3604:1990](#)

G12/AS2 cites NZS 3604:1990 Code of practice for light timber frame buildings not requiring specific design from 01/12/2007

- [NZS 3604:1999](#)

G12/AS2 cites NZS 3604:1999 Timber framed buildings from 01/12/2007

- [NZS 3604:2011](#)

G12/AS2 cites NZS 3604:2011 Timber-framed buildings from 10/10/2011

- [NZS 4203:1992](#)

G12/AS2 cites NZS 4203:1992 General structural design and design loadings for buildings from 01/12/2007

- [NZS 4613:1986](#)

G12/AS2 cites NZS 4613:1986 Domestic solar water heaters from 01/12/2007

- [NZS 4614:1986](#)

G12/AS2 cites NZS 4614:1986 Installation of domestic solar water heating systems from 01/12/2007

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