

Acceptable Solutions and Verification Methods For New Zealand Building Code Clause C1 Objectives of Clauses C2 to C6

All content related to C1 Objectives of Clauses C2 to C6(<https://www.building.govt.nz/building-code-compliance/c-protection-from-fire/c-clauses-c1-c6/>)

C/AS2, 1st edition 2019

Current version: Effective from 27 June 2019

[C/AS2, 1st edition 2019](#)

[PDF 6.7 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-1st-edition-2019.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Clauses C1 to C6 Protection from fire

Current version: Effective from 1 July 2014

[Clauses C1–C6 and Clause A3 Building importance levels](#)

[PDF 538 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/c1-c6-protection-from-fire-a3.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Extracts from Building Code clauses C1 to C6, including provisions and limits on application. There is also information on clause A3 Building importance levels.

C/VM1 & C/AS1, amendment 4

Current version: Effective from 1 January 2017

[C/VM1 & C/AS1, amendment 4](#)

<http://mbie5.cwp.govt.nz/building-code-compliance/c-protection-from-fire/c-clauses-c1-c6/acceptable-solutions-and-verification-methods/>

[PDF 1 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm1-cas1-protection-from-fire-amendment-4.pdf>)

C/VM1 & C/AS1, amendment 4 replacement pages

[PDF 675 KB]

(<https://www.building.govt.nz/assets/Uploads/cvm1-cas1-protection-from-fire-amendment-4-rp.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Paragraph 2.3: Scope limitations on Life rating and Property rating are removed.

Paragraph 3.4: NZS 4514 domestic smoke alarms can be used to extend travel distance in housing.

Paragraph 5.1.2: Requirement for notional boundary between buildings only applies where there is sleeping use.

Cited content in this document (<https://codehub.building.govt.nz/resources/1477/#!#resource-citations>) can be found on the Building CodeHub website.

C/VM2, amendment 5

Current version: Effective from 24 November 2017

C/VM2, amendment 5

[PDF 1 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-amendment-5.pdf>)

C/VM2, amendment 5 replacement pages

[PDF 616 KB]

(<https://www.building.govt.nz/assets/Uploads/cvm2-protection-from-fire-amendment5-rp.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Verification Method for rules and parameters for the design scenarios. Can be applied to fire designs for most buildings. It includes:

- 10 design scenarios that must each be considered and designed for, where appropriate, in order to achieve compliance with NZBC C: Protection from fire
- occupancy numbers and movement of people
- establishing Group Numbers for lining materials
- critical radiant flux values for some flooring materials.

Amendment 5 modifies paragraph 1.2 Scope.

Cited content in this document (<https://codehub.building.govt.nz/home/resources/cvm2-amendment-5>) can be found on the Building CodeHub website.

C/VM1 & C/AS1, amendment 3

Effective from 1 July 2014 until 30 May 2017

<http://mbie5.cwp.govt.nz/building-code-compliance/c-protection-from-fire/c-clauses-c1-c6/acceptable-solutions-and-verification-methods/>

C/VM1 & C/AS1, amendment 3

[PDF 1009 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm1-cas1-protection-from-fire-amendment-3.pdf>**C/VM1 & C/AS1, amendment 3 replacement pages**

[PDF 680 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm1-cas1-protection-from-fire-amendment-3-rp.pdf>**Commentary for C/AS1-7 (amendment 2)**

[PDF 1.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas1-cas7-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

Verification Method C/VM1 for Solid Fuel Appliances and Acceptable Solution C/AS1 for Buildings with sleeping (residential) and outbuildings (Risk Group SH) for compliance with Building Code Clauses C1 to C6 Protection from Fire.

Scope of Acceptable Solution C/AS1 includes buildings such as single household units, certain multi-unit dwellings and detached dwellings, garages that are part of a household unit or shared by more than one household unit.

C/AS2, amendment 4

Effective from 1 January 2017 until 31 October 2019

C/AS2, amendment 4

[PDF 4.3 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-amendment4.pdf>**C/AS2, amendment 4 replacement pages**

[PDF 899 KB]

<https://www.building.govt.nz/assets/Uploads/cas2-protection-from-fire-amendment4-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Paragraph 1.1.2: Clarification that an alternative solution or Verification Method can be used for buildings with complex features or specific fire engineering design.

Paragraph 2.3: Scope limitations on Life rating and Property rating are removed.

Paragraph 4.9.6: Paragraph removed as requirements are given in Paragraph 3.9.6.

Paragraph 5.5.7: The tabulated method for calculating Unprotected Areas can be used.

Paragraph 5.8.3: Removed dispensation from external cladding requirements for buildings sprinklered and less than 25m.

Appendix C: Table added enabling Australian and European Standards to be used to determine Group Numbers.

Cited content in this document (<https://codehub.building.govt.nz/resources/1479/#resource-citations>) can be found on the Building CodeHub website.

C/AS2, amendment 3

Effective from 1 July 2014 until 30 May 2017

[C/AS2, amendment 3](#)

[PDF 4.2 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-amendment-3.pdf>)

[C/AS2, amendment 3 replacement pages](#)

[PDF 1.8 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-amendment-3-rp.pdf>)

[Commentary for C/AS1–7 \(amendment 2\)](#)

[PDF 1.6 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas1-cas7-protection-from-fire-amendment-2-commentary.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

Acceptable Solution for Buildings with sleeping (non-institutional) (Risk Group SM) for compliance with Building Code Clauses C1-C6 Protection from fire.

Scope of Acceptable Solution C/AS2 includes buildings where people sleep of less than 20 storeys high, such as certain apartment buildings, multi-unit dwellings, hotels and accommodation within Risk Group SM.

C/AS2, amendment 2

Effective from 19 December 2013 until 28 February 2015

[C/AS2 amendment 2](#)

[PDF 4.9 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-amendment-2.pdf>)

[C/AS2, amendment 2 replacement pages](#)

[PDF 885 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-amendment-2-rp.pdf>)

[rp.pdf](#)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

C/AS2 (Clauses C1-C6) Buildings with Sleeping (non institutional) (Risk Group SM). First edition, Amendment 2. Effective from 19 December 2013 until 28 February 2015.

C/AS2, errata 1

Effective from 15 February 2013 until 18 June 2014

C/AS2 errata 1

[PDF 4.4 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-errata-1.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS2 (C1-C6) Buildings with Sleeping (non institutional) (Risk Group SM). First edition, Amendment 1 (Errata 1). 15 February 2013 - 18 June 2014.

C/AS2, 1st edition

Effective from 10 April 2012 until 15 February 2013

C/AS2 1st edition

[PDF 4.9 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas2-protection-from-fire-1st-edition.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS2 (C1-C6) Buildings with Sleeping (non institutional) (Risk Group SM). First edition, Amendment 1 (Errata 1). 15 February 2013 - 18 June 2015.

C/AS3, amendment 4

Effective from 1 January 2017 until 31 October 2019

C/AS3, amendment 4

[PDF 3.7 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas3-protection-from-fire-amendment4.pdf>

C/AS3, amendment 4 replacement pages

[PDF 937 KB]

<https://www.building.govt.nz/assets/Uploads/cas3-protection-from-fire-amendment4-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Paragraph 1.1.2: Clarification that an alternative solution or Verification Method can be used for buildings with complex features or specific fire engineering design.

Paragraph 2.3: Scope limitations on Life rating and Property rating are removed.

Paragraph 3.15.5: Door widths clarified.

Paragraph 4.16.12: Location of smoke dampers clarified.

Paragraph 5.5.7: The tabulated method for calculating Unprotected Areas can be used.

Appendix C: Table added enabling Australian and European Standards to be used to determine Group Numbers.

Cited content in this document (<https://codehub.building.govt.nz/resources/1481/#resource-citations>) can be found on the Building CodeHub website.

C/AS3, amendment 3

Effective from 1 July 2014 until 30 May 2017

C/AS3, amendment 3

[PDF 3.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas3-protection-from-fire-amendment-3.pdf>

C/AS3, amendment 3 replacement pages

[PDF 1.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas3-protection-from-fire-amendment-3-rp.pdf>

Commentary for C/AS1-7 (amendment 2)

[PDF 1.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas1-cas7-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

Acceptable Solution for Buildings where care or detention is provided (Risk Group SI) for compliance with Building Code Clauses C1-C6 Protection from fire.

Scope of Acceptable Solution C/AS3 includes buildings or parts of buildings within Risk Group SI, where people are unable to self-evacuate, such as certain medical and aged care facilities and buildings with detention facilities.

C/AS3, amendment 2

Effective from 19 December 2013 until 28 February 2015

[C/AS3, amendment 2](#)

[PDF 4.3 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas3-protection-from-fire-amendment-2.pdf>

[C/AS3, amendment 2 replacement pages](#)

[PDF 961 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas3-protection-from-fire-amendment-2-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS3 (C1-C6) Buildings where care or detention is provided (Risk Group SI). First edition, Amendment 2. Effective 19 December 2013 - 28 February 2015.

C/AS3, errata 1

Effective from 15 February 2013 until 18 June 2014

[C/AS3, errata 1](#)

[PDF 3.9 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas3-protection-from-fire-errata-1.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS3 (C1-C6) Buildings where care or detention is provided (Risk Group SI). First edition, Amendment 1 (Errata 1). Effective 15 Feb 2013-18 Jun 2014

C/AS3, 1st edition

Effective from 10 April 2012 until 15 February 2013

[C/AS3, 1st edition](#)

[PDF 4.3 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas3-protection-from-fire-1st-edition.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

C/AS3 (C1-C6) Buildings where care or detention is provided (Risk Group S1). First edition, Amendment 1 (Errata 1). Effective 15 Feb 2013–18 Jun 2014.

C/AS4, amendment 4

Effective from 1 January 2017 until 31 October 2019

[C/AS4, amendment 4](#)

[PDF 4.4 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas4-protection-from-fire-amendment4.pdf>

[C/AS4, amendment 4 replacement pages](#)

[PDF 979 KB]

<https://www.building.govt.nz/assets/Uploads/cas4-protection-from-fire-amendment4-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Paragraph 1.1.2: Clarification that an alternative solution or Verification Method can be used for buildings with complex features or specific fire engineering design.

Paragraph 2.3: Scope limitations on Life rating and Property rating are removed.

Paragraph 4.16.12: Location of smoke dampers clarified.

Paragraph 5.5.7: The tabulated method for calculating Unprotected Areas can be used.

Paragraph 5.8.3: Removed dispensation from external cladding requirements for buildings sprinklered and less than 25m.

Appendix C: Table added enabling Australian and European Standards to be used to determine Group Numbers.

Cited content in this document (<https://codehub.building.govt.nz/resources/1483/#resource-citations>) can be found on the Building CodeHub website.

C/AS4, amendment 3

Effective from 1 July 2014 until 30 May 2017

C/AS4, amendment 3

[PDF 4.3 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas4-protection-from-fire-amendment-3.pdf>**C/AS4, amendment 3 replacement pages**

[PDF 2 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas4-protection-from-fire-amendment-3-rp.pdf>**Commentary for C/AS1–7 (amendment 2)**

[PDF 1.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas1-cas7-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

Acceptable Solution for Buildings with public access and educational facilities (Risk Group CA) for compliance with Building Code Clauses C1-C6 Protection from fire.

Scope of Acceptable Solution C/AS4 includes buildings or parts of buildings less than 20 storeys high within Risk Group CA, where people congregate, participate in group activities, or where personal services are provided. For example, certain theatres, shops, education centres and churches.

C/AS4, amendment 2

Effective from 19 December 2013 until 28 February 2015

C/AS4, amendment 2

[PDF 5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas4-protection-from-fire-amendment-2.pdf>**C/AS4, amendment 2 replacement pages**

[PDF 1.2 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas4-protection-from-fire-amendment-2-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS4 (C1-C6) Buildings with public access/educational facilities (Risk Group CA). First edition, Amendment 2. Effective 19 December 2013-28 February 2015.

C/AS4, errata 1

<http://mbie5.cwp.govt.nz/building-code-compliance/c-protection-from-fire/c-clauses-c1-c6/acceptable-solutions-and-verification-methods/>

Effective from 15 February 2013 until 18 June 2014

C/AS4, errata 1

[PDF 4.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas4-protection-from-fire-errata-1.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS4 (C1-C6) Buildings with public access and educational facilities (Risk Group CA). First edition, Amendment 1. 15 February 2013 – 18 June 2014.

C/AS4, 1st edition

Effective from 10 April 2012 until 15 February 2013

CAS4, 1st edition

[PDF 4.9 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas4-protection-from-fire-1st-edition.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS4 (C1-C6) Buildings with public access/educational facilities (Risk Group CA). New document. Effective from 10 April 2012.

C/AS5, amendment 4

Effective from 1 January 2017 until 31 October 2019

C/AS5, amendment 4

[PDF 4.1 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas5-protection-from-fire-amendment4.pdf>

C/AS5, amendment 4 replacement pages

[PDF 947 KB]

<https://www.building.govt.nz/assets/Uploads/cas5-protection-from-fire-amendment4-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>)

[comply/acceptable-solutions-and-verification-methods/](#) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Paragraph 1.1.2: Clarification that an alternative solution or Verification Method can be used for buildings with complex features or specific fire engineering design.

Paragraph 2.3: Scope limitations on Life rating and Property rating are removed.

Paragraph 5.5.7: The tabulated method for calculating Unprotected Areas can be used.

Paragraph 5.8.3: Removed dispensation from external cladding requirements for buildings sprinklered and less than 25m.

Appendix C: Table added enabling Australian and European Standards to be used to determine Group Numbers.

Cited content in this document (<https://codehub.building.govt.nz/resources/1485/#!#resource-citations>) can be found on the Building CodeHub website.

C/AS5, amendment 3

Effective from 1 July 2014 until 30 May 2017

[C/AS5, amendment 3](#)

[PDF 4 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas5-protection-from-fire-amendment-3.pdf>

[C/AS5, amendment 3 replacement pages](#)

[PDF 1.8 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas5-protection-from-fire-amendment-3-rp.pdf>

[Commentary for C/AS1–7 \(amendment 2\)](#)

[PDF 1.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas1-cas7-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

Acceptable Solution for Buildings used for business, commercial and low level storage (Risk Group WB) for compliance with Building Code Clauses C1–C6 Protection from fire.

Scope of Acceptable Solution C/AS5 includes buildings or parts of buildings less than 20 storeys high within Risk Group WB. For example, certain offices, low level warehouses and normally unoccupied buildings.

C/AS5, amendment 2

Effective from 19 December 2013 until 28 February 2015

[C/AS5, amendment 2](#)

[PDF 4.7 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas5-protection-from-fire-amendment-2.pdf>

C/AS5, amendment 2 replacement pages

[PDF 1.1 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas5-protection-from-fire-amendment-2-rp.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the "compliance document" title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS5 (C1-C6) Buildings used for business, commercial and low-level storage (Risk Group WB). First edition, Amendment 2. 19 Dec 2013-28 Feb 2015.

C/AS5, errata 1

Effective from 15 February 2013 until 18 June 2014

C/AS5, errata 1

[PDF 4.3 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas5-protection-from-fire-errata-1.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the "compliance document" title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS5 (C1-C6) Buildings used for business, commercial and low-level storage (Risk Group WB). Amendment 1 (Errata 1). 15 Feb 2013-18 Jun 2014.

C/AS5, 1st edition

Effective from 10 April 2012 until 15 February 2013

C/AS5, 1st edition

[PDF 4.5 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas5-protection-from-fire-1st-edition.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the "compliance document" title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS5 (C1-C6) Buildings used for business, commercial and low-level storage (Risk Group WB). New document 10 April 2012.

C/AS6, amendment 4

Effective from 1 January 2017 until 31 October 2019

C/AS6, amendment 4

[PDF 3.8 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas6-protection-from-fire-amendment4.pdf>

C/AS6, amendment 4 replacement pages

[PDF 695 KB]

<https://www.building.govt.nz/assets/Uploads/cas6-protection-from-fire-amendment4-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the "compliance document" title but the AS or VMs they contain are valid and unaffected by the name change.

Paragraph 1.1.2: Clarification that an alternative solution or Verification Method can be used for buildings with complex features or specific fire engineering design.

Paragraph 2.3: Scope limitations on Life rating and Property rating are removed.

Paragraph 5.5.7: The tabulated method for calculating Unprotected Areas can be used.

Paragraph 5.8.3: Removed dispensation from external cladding requirements for buildings sprinklered and less than 25m.

Appendix C: Table added enabling Australian and European Standards to be used to determine Group Numbers.

Cited content in this document (<https://codehub.building.govt.nz/resources/source-8838/#!#resource-citations>) can be found on the Building CodeHub website.

C/AS6, amendment 3

Effective from 1 July 2014 until 30 May 2017

C/AS6, amendment 3

[PDF 3.7 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas6-protection-from-fire-amendment-3.pdf>

C/AS6, amendment 3 replacement pages

[PDF 1.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas6-protection-from-fire-amendment-3-rp.pdf>

Commentary for C/AS1-7 (amendment 2)

[PDF 1.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas1-cas7-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

Acceptable Solution for Buildings used for high level storage and other high risk purposes (Risk Group WS) for compliance with Building Code Clauses C1-C6 Protection from fire.

Scope of Acceptable Solution C/AS6 includes buildings or parts of buildings less than 20 storeys high within Risk Group WS. For example, certain warehouses, supermarkets and processing buildings.

C/AS6, amendment 2

Effective from 19 December 2013 until 28 February 2015

C/AS6, amendment 2

[PDF 4.4 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas6-protection-from-fire-amendment-2.pdf>)

C/AS6, amendment 2 replacement pages

[PDF 804 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas6-protection-from-fire-amendment-2-rp.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS6 (C1-C6) Buildings used for high level storage and other high risk purposes (Risk Group WS). Amendment 2. 19 December 2013-28 February 2015.

C/AS6, 1st edition

Effective from 10 April 2012 until 15 February 2013

C/AS6, 1st edition

[PDF 4.3 MB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas6-protection-from-fire-1st-edition.pdf>)

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS6 (C1-C6) Buildings used for high level storage and other high risk purposes (Risk Group WS). New document. 10 April 2012.

C/AS7, amendment 4

Effective from 1 January 2017 until 31 October 2019

C/AS7, amendment 4

[PDF 585 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas7-protection-from-fire-amendment4.pdf>

C/AS7, amendment 4 replacement pages

[PDF 660 KB]

<https://www.building.govt.nz/assets/Uploads/cas7-protection-from-fire-amendment4-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the "compliance document" title but the AS or VMs they contain are valid and unaffected by the name change.

Paragraph 2.3: Scope limitations on Life rating and Property rating are removed.

Paragraph 4.1.3: Limitations on intermediate floors do not apply to car parks.

Cited content in this document (<https://codehub.building.govt.nz/resources/1489/#resource-citations>) can be found on the Building CodeHub website.

C/AS7, amendment 3

Effective from 1 July 2014 until 30 May 2017

C/AS7, amendment 3

[PDF 569 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas7-protection-from-fire-amendment-3.pdf>

C/AS7, amendment 3 replacement pages

[PDF 649 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas7-protection-from-fire-amendment-3-rp.pdf>

Commentary for C/AS1-7 (amendment 2)

[PDF 1.6 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas1-cas7-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the "compliance document" title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

Acceptable Solution for Buildings used for vehicle storage and parking (Risk Group VP) for compliance with Building Code Clauses C1-C6 Protection from fire.

Scope of Acceptable Solution C/AS7 is restricted to Risk Group VP. This includes buildings used for car parking, service vehicle and unloading areas, and care storage warehouses.

C/AS7, amendment 2

Effective from 19 December 2013 until 28 February 2015

[C/AS7, amendment 2](#)

[PDF 1.1 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas7-protection-from-fire-amendment-2.pdf>

[C/AS7, amendment 2 replacement pages](#)

[PDF 284 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas7-protection-from-fire-amendment-2-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS7 (C1-C6) Buildings used for vehicle storage and parking (Risk Group VP). First edition, Amendment 2. Effective 19 December 2013 – 28 February 2015.

C/AS7, errata 1

Effective from 15 February 2013 until 18 June 2014

[C/AS7, errata 1](#)

[PDF 1 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas7-protection-from-fire-errata-1.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS7 (C1-C6) Buildings used for vehicle storage and parking (Risk Group VP). First edition, Amendment 1 (Errata 1). 15 February 2013 – 18 June 2014.

C/AS7, 1st edition

Effective from 10 April 2012 until 14 February 2013

[C/AS7, 1st edition](#)

[PDF 812 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cas7-protection-from-fire-1st-edition.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/AS7 (C1-C6) Buildings used for vehicle storage and parking (Risk Group VP). New document 10 April 2012.

C/VM1 & C/AS1, Amendment 2

Effective from 19 December 2013 until

[C/VM1 & C/AS1, amendment 2](#)

[PDF 1.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm1-cas1-protection-from-fire-amendment-2.pdf>

[C/VM1 & C/AS1, amendment 2 replacement pages](#)

[PDF 940 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm1-cas1-protection-from-fire-amendment-2-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/VM1 and C/AS1 Solid fuel appliances & Buildings with Sleeping (residential)/Outbuildings (Risk Group SH). Amendment 2. 19 Dec 2013 – 28 Feb 2015.

C/VM1 & C/AS1, errata 1

Effective from 15 February 2013 until 18 June 2014

[C/VM1 & C/AS1, errata 1](#)

[PDF 1.3 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm1-cas1-protection-from-fire-errata-1.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/VM1 and C/AS1 Solid fuel appliances & Buildings with Sleeping (residential)/Outbuildings (Risk Group SH). Amendment 2. 19 Dec 2013 – 28 Feb 2015.

C/VM1 & C/AS1, 1st edition

Effective from 10 April 2012 until 15 February 2013

C/VM1 & C/AS1, 1st edition

[PDF 1.1 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm1-cas1-protection-from-fire-1st-edition.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/VM1 and C/AS1 Solid fuel appliances & Buildings with Sleeping (residential)/Outbuildings (Risk Group SH). New document. Effective 10 April 2010.

C/VM2, amendment 4

Effective from 1 July 2014 until 23 November 2017

C/VM2, amendment 4

[PDF 1021 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-amendment-4.pdf>

Commentary for Clauses C1–C6 and C/VM2 (amendment 2)

[PDF 2.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Verification Method for rules and parameters for the design scenarios. Can be applied to fire designs for most buildings. It includes:

- 10 design scenarios that must each be considered and designed for, where appropriate, in order to achieve compliance with NZBC C: Protection from fire
- occupancy numbers and movement of people
- establishing Group Numbers for lining materials
- critical radiant flux values for some flooring materials.

C/VM2, amendment 3

Effective from 19 December 2013 until 28 February 2015

[C/VM2, amendment 3](#)

[PDF 1.4 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-amendment-3.pdf>

[C/VM2, amendment 3 replacement pages](#)

[PDF 646 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-amendment-3-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/VM2 Framework for fire safety design (for C1-C6). First edition, Amendment 3. Effective from 19 December 2013 until 28 February 2015.

C/VM2, amendment 2 [Commentary]

Effective from until

[Commentary for Clauses C1–C6 and C/VM2 \(amendment 2\)](#)

[PDF 2.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-amendment-2-commentary.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

C/VM2, errata 2

Effective from 15 February 2013 until 18 June 2014

C/VM2, errata 2

[PDF 2.1 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-errata-2.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/VM2 Framework for fire safety design (for C1-C6). First edition, Amendment 2. Effective from 15 Feb 2013 until 18 June 2014.

C/VM2, errata 1

Effective from 30 April 2012 until 15 February 2013

C/VM2, errata 1

[PDF 1.5 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-errata-1.pdf>**C/VM2, errata 1 replacement pages**

[PDF 1016 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-errata-1-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/VM2 Framework for fire safety design (for C1-C6). First edition, Amendment 1. Effective from 30 April 2012.

C/VM2, 1st edition

Effective from 10 April 2012 until 30 April 2012

C/VM2, 1st edition

[PDF 1.4 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/cvm2-protection-from-fire-1st-edition.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the “compliance document” title but the AS or VMs they contain are valid and unaffected by the name change.

Overview

C/VM2 Framework for fire safety design (for C1-C6). New document. Effective from 10 April 2012.

Fire Safety C1-C4 Amendment 9

Effective from 10 October 2011 until

[Fire Safety C1-C4 Amendment 9](#)

[PDF 2 MB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/Fire-safety-C1-C4-amendment9.pdf>

[Fire Safety C1-C4 Amendment 9 - Replacement pages](#)

[PDF 380 KB]

<https://www.building.govt.nz/assets/Uploads/building-code-compliance/c-protection-from-fire/asvm/Fire-Safety-C1-C4-amendment9-rp.pdf>

Acceptable Solutions and Verification Methods (<https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/>) (AS and VMs) were called compliance documents. Some still have the "compliance document" title but the AS or VMs they contain are valid and unaffected by the name change.



**MINISTRY OF BUSINESS,
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New Zealand Government