# Submission Form

## Statement of proposals for amending Acceptable Solutions and Verification Methods June 2020 update

### Submitter information

|  |  |
| --- | --- |
| Name: |  |
| Company: |  |
| Email address: |  |

### The best way to describe your role is:

Architect  BCA/BCO  Builder

Building owner  Electrician  Engineer – other

Fire Engineer Geotechnical Engineer  Structural Engineer

Plumber/Gasfitter/Drainlayer  Other

Each question includes a page reference (in brackets) to the relevant proposal within the [*Proposals for amending Acceptable Solutions and Verification Methods June 2020 update*](https://www.mbie.govt.nz/dmsdocument/10990-consultation-document-for-amending-acceptable-solutions-and-verification-methods)*.*

When completing this submission form, please suggest changes or comments explaining why you support or object proposed amendments. Your feedback provides valuable information and informs decisions about the proposed amendments.

### To submit this form via email:

Once you have completed the form, you can email it to [buildingfeedback@mbie.govt.nz](mailto:buildingfeedback@mbie.govt.nz?subject=Consultation%20–%20Amendments%20to%20Acceptable%20Solutions%20and%20Verification%20Methods%20June%202020), with “Consultation – Amendments to Acceptable Solutions and Verification Methods June 2020” in the subject line.

### To submit a print copy of this form:

You can post or courier print copy of this form to:

|  |  |
| --- | --- |
| Building Performance and Engineering Team Ministry of Business, Innovation and Employment Level 5, 15 Stout Street, Wellington 6011 | Or PO Box 1473  Wellington 6140 |

## Building Code Clause Fire C/VM2

**1. Cladding requirements:** Amend fire testing requirements for cladding systems to reference large scale international test standards and close existing gaps between C/VM2 and C/AS2

**Question 1:** Do you support Verification Method C/VM2 to be amended as proposed?

(page 22)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendment to Verification Method C/VM2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**2. Horizontal fire spread:** amend the horizontal fire spread requirements to align C/VM2 with C/AS2

**Question 1:** Do you support Verification Method C/VM2 to be amended as proposed?

(page 34)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendment to Verification Method C/VM2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**3. Editorial:** Amend text in C/VM2 to include text from the document “Commentary for Building Code Clauses C1-C6 and Verification Method C/VM2”

**Question 1:** Do you support Verification Method C/VM2 to be amended as proposed?

(page 59)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendment to Verification Method C/VM2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Clause Fire C/AS1

**1. Scope of C/AS1 and risk groups: Amend the scope of C/AS1, including the description of risk groups, to provide clarity on the scope of Acceptable Solutions C/AS1 and C/AS2**

**Question 1:** Do you support Acceptable Solution C/AS1 to be amended as proposed?

(page 66)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS1?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Clause Fire C/AS2

**1. Scope of risk groups:** Amend the scope of the risk group SH to provide clarity on the scope of Acceptable Solutions C/AS1 and C/AS2

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**2. Means of escape:** Amend the means of escape requirements to improve clarity and consistency of application of C/AS2

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**3. Group sleeping areas:** Amend requirements for group sleeping areas ensuring spaces are provided with adequate fire safety

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**4. Cladding requirements:** Amend fire testing requirements for cladding systems to reference large scale international test standards and align C/AS2 and C/VM2

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**5. Control of external fire spread:** Amend requirements for control of external fire spread to enhance clarity and usability of the document

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**6. Firefighting:** Amend requirements for firefighting operations to provide more efficient and effective fire service response, and better align the requirements between Fire and Emergency NZ and the Building Code

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**7. Editorial:** Amend text throughout the document to provide further clarity of requirements

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**8. Errata from 2019:** Amend text in three locations (previously issued as an Errata to C/AS2 in October 2019)

**Question 1:** Do you support Acceptable Solution C/AS2 to be amended as proposed?

(page 78)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution C/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Clause E1 Surface water

**1. E1/AS2:** Issue a new Acceptable Solution which references AS/NZS 3500.3 Stormwater drainage, with modifications, as a means of compliance with NZBC clause E1 Surface Water

**Question 1:** Do you support the proposed new Acceptable Solution for NZBC clause E1?

(page 168)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed new Acceptable Solution for NZBC clause E1?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**2. Rainfall intensities:** Amend E1/AS1 Appendix A to replace the rainfall intensity maps with a table that provides location specific rainfall intensity data

**Question 1:** Do you support the proposed amendment to Acceptable Solution E1/AS1 Appendix A?

(page 179)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendment to Acceptable Solution E1/AS1 Appendix A?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**3. Referenced Standards:** Amend E1/VM1 and E1/AS1 to update references to product manufacturing and installation Standards

**Question 1:** Do you support the proposed updating of references to product manufacturing and installation Standards within the Acceptable Solution and Verification Methods for NZBC clause E1?

(page 192)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed updating of references to product manufacturing and installation Standards within the Acceptable Solutions and Verification Methods for NZBC clause E1?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Clause E2 External Moisture

**1. Align E2/AS1 with new E1 Acceptable Solution E1/AS2 for the design of gutters, downpipes and spreaders**

**Question 1:** Do you support the Acceptable Solution for NZBC clause E2 to be amended as proposed?

(page 194)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to the Acceptable Solution for NZBC clause E2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Clause E3 Internal Moisture

**1. Overflow from free water:** Amend the provisions in E3/AS1 for overflow from free water in adjoined household units to provide more flexibility by allowing the use of integrated overflows in sanitary fixtures

**Question 1:** Do you support the proposed changes to overflow provisions within Acceptable Solution E3/AS1??

(page 199)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to the overflow provisions within the Acceptable Solution for NZBC clause E3?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**2. Internal wet area membranes:** Issue a new Acceptable Solution (E3/AS2) for using internal wet area membranes in situations such as tiled bathroom floors and showers

**Question 1:** Do you support the proposed new Acceptable Solution for NZBC clause E3?

(page 202)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed new Acceptable Solution for NZBC clause E3?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**3. Align E3/AS1 and E3/AS2:** Amend some provisions of E3/AS1 to remove less reliable construction options and to align with the proposed E3/AS2

**Question 1:** Do you support the proposed changes to Acceptable Solution E3/AS1 to align with the proposed E3/AS2?

(page 204)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to Acceptable Solution E3/AS1 to align with the proposed E3/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Clause G9 Electricity

**1. Electricity (Safety) Regulations 2010:** Reference the Electricity (Safety) Regulations 2010 in G9/VM1 and G9/AS1

**Question 1:** Do you support the proposed referencing of the Electricity (Safety) Regulations 2010 within the Acceptable Solutions and Verification Method for NZBC clause G9?

(page 210)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed referencing of the Electricity (Safety) Regulations 2010 within the Acceptable Solutions and Verification Methods for NZBC clause G9?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**2. New comment on electrical exemptions:** Amend G9/AS1 to add a new comment box clarifying which domestic electrical installations are exempted from requiring an authorised person under the Electricity Act 1992

**Question 1:** Do you support the proposed new comment within Acceptable Solution G9/AS1?

(page 212)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed new comment within Acceptable Solution G9/AS1?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**3. Accessibility: Amend G9/AS1 requirements for light switches and plug sockets used by a person with a disability**

**Question 1:** Do you support the proposed changes to accessibility requirements within Acceptable Solution G9/AS1?

(page 213)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed amendments to the Acceptable Solution for NZBC clause G9?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Clause G13 Foul Water

**1. Modify Standard AS/NZS 3500.2:** Amend G13/AS3 to modify two additional clauses within AS/NZS 3500.2:2018 Sanitary plumbing and drainage

**Question 1:** Do you support the proposed new Acceptable Solution G13/AS3 modifications to AS/NZS 3500.2:2018?

(page 215)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed new Acceptable Solution G13/AS3 modifications to AS/NZS 3500.2:2018?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**2. Referenced Standards:** Amend G13/AS1 and G13/AS2 to update references to product manufacturing and installation Standards

**Question 1:** Do you support the proposed updating of references to product manufacturing and installation Standards within Acceptable Solutions G13/AS1 and G13/AS2?

(page 217)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed updating of references to product manufacturing and installation Standards within Acceptable Solutions G13/AS1 and G13/AS2?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**3. Remove G13/AS3 Standard reference:** Amend G13/AS3 to remove the reference to AS/NZS 2032:2006 Installation of PVC pipe systems as this Standard is referenced within all other Acceptable Solutions for NZBC clause G13

**Question 1:** Do you support the proposed removal of the reference to AS/NZS 2032 from Acceptable Solution G13/AS3?

(page 219)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed removal of the reference to AS/NZS 2032 from Acceptable Solution G13/AS3?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

**4. Editorial:** Amend G13.2, G13/AS1 and G13/AS2 to correct cross referencing and spelling errors

**Question 1:** Do you support the correction of correct cross referencing errors within the Acceptable Solutions for NZBC clause G13 as proposed?

(page 220)

I support it  I support it but would suggest the following changes

I object to it  I object to some aspects of it but would suggest the following changes

Please tell us what changes you suggest.

|  |
| --- |
|  |

**Question 2**: What impacts (economic, efficiency etc.) on your business do you expect from the proposed correction of cross referencing errors within the Acceptable Solutions for NZBC clause G13?

Significant  Moderate  Minor  No impact

Please tell us about the impacts on your business.

|  |
| --- |
|  |

## Building Code Transition

It is proposed that the amendments to the Acceptable Solutions and Verification Methods will be published on and have an effective date of 25 June 2020.

Transitional arrangements: **four months**.

It is proposed that the changes will come into effect on 25 June 2020 (the proposed effective date). It is also proposed that the existing Acceptable Solutions and Verification Methods will remain in force, as if not amended, until 25 October 2020 (the proposed cessation date), a period of four months.

**Question:** Do you support the proposed transitional period of four months?

I support it

I object to it as it’s too short

I object to it as it’s too short

Please tell us what changes you suggest.

|  |
| --- |
|  |

## Thank you

Thanks for your feedback, we really appreciate your insight because it helps us keep pace with modern construction methods, the needs of New Zealanders and ensure buildings are safe, healthy and durable.

To help us continue to improve our biannual Building Code update programme, we would love to hear any suggestions or comments you may have on what’s working and how we can do better.

If you have a question and would like to contact us, please email us at info@building.govt.nz or call us on 0800 24 22 43.

What would you like to provide feedback on?

Consultation document

Suggestions for future amendments

Survey

Something else

The biannual Building Code Update Programme

Please leave your feedback below:

|  |
| --- |
|  |