

**BUILDING  
PERFORMANCE**

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**C**

# **C1-C6 Protection from Fire Verification Method C/VM1**

## **Solid fuel appliances**

**SECOND EDITION | EFFECTIVE 2 NOVEMBER 2023**

# Preface

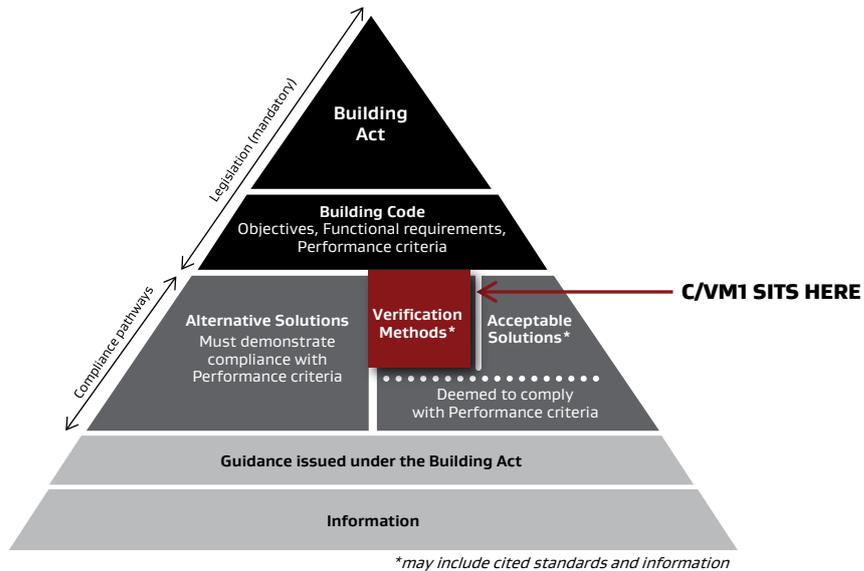
## Document status

This document (C/VM1) is a verification method issued under section 22 (1) of the Building Act 2004 and is effective on 2 November 2023. It does not apply to building consent applications submitted before 2 November 2023. The previous Verification Method C/VM1 First Edition, as amended, can be used to show compliance until 1 November 2023 and can be used for building consent applications submitted before 2 November 2024.

## Building Code regulatory system

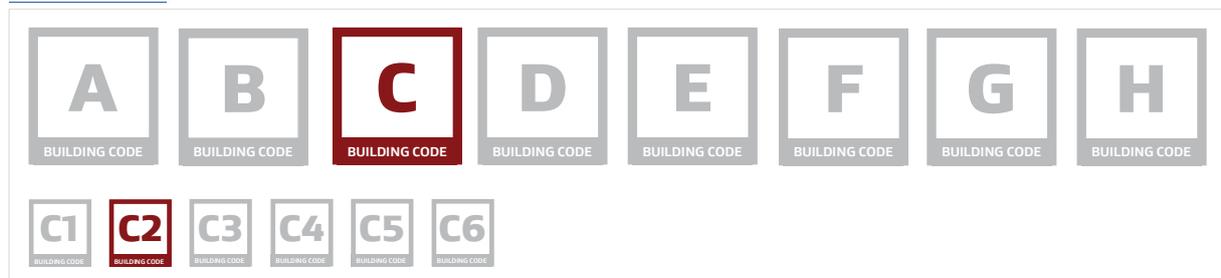
Each verification method outlines the provisions of the Building Code that it relates to. Complying with an acceptable solution or verification method are ways of complying with that part of the Building Code. Other options for establishing compliance are listed in [section 19 of the Building Act](#).

### Schematic of the Building Code System



A building design must take into account all parts of the Building Code. The Building Code is located in Schedule 1 of the Building Regulations 1992 and available online at [www.legislation.govt.nz](http://www.legislation.govt.nz).

The part of the Building Code that this acceptable solution relates to is clauses C1-C6 Protection from Fire and specifically C2 Prevention of fire occurring. Further information on the scope of this document is provided in [Part 1. General](#).



Further information about the Building Code, the objectives, functional requirements and performance criteria provisions that it contains, and other acceptable solutions and verification methods are available at [www.building.govt.nz](http://www.building.govt.nz).

## Main changes in this version and features of this document

### Main changes in this version

This verification method is the second edition of C/VM1. The main changes from the previous version are:

- › The document has been published in a standalone format and the layout has been revised to improve clarity.
- › Additional information on the document and its scope provided in [Part 1. General](#).

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 acceptable solution or verification method at any time. Up-to-date versions of acceptable solutions or verification methods are available from [www.building.govt.nz](http://www.building.govt.nz).

### Features of this document

- › For the purposes of Building Code compliance, the standard referenced in this verification method must be the edition, along with their specific amendments listed in [Appendix A](#).
- › There are no words in *italic* are defined at the end of this document in [Appendix B](#).
- › Hyperlinks are provided to cross-references within this document and to external websites and appear with a [blue underline](#).
- › Appendices to this verification method are part of, and have equal status to, the verification method.

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## General and Solid fuel appliances

# Part 1. General

## 1.1 Introduction

### 1.1.1 Scope of this document

1.1.1.1 This verification method is used to prevent fire from occurring for solid fuel burning appliances.

### 1.1.2 Compliance pathway

1.1.2.1 This verification method is one option that provides a means of establishing compliance with the performance criteria in Building Code clauses C2.2 and C2.3. Options for demonstrating compliance with C1-C6 Protection from Fire through the use of acceptable solutions and verification methods is summarised in Table 1.1.2.1. Compliance may also be demonstrated using an alternative solution.

**Table 1.1.2.1: Demonstrating compliance with C1-C6 Protection from Fire through the acceptable solutions and verification methods**

Paragraph 1.1.2.1

Clause	Applies to	Relevant acceptable solutions and verification methods
C1 Objectives of clauses C1 to C6 (protection from fire)	All <i>buildings</i> with specific limits on application for individual Functional requirements and Performance criteria	C/AS1 for <i>risk group SH</i> C/AS2 for <i>risk groups</i> other than SH excluding buildings with complex features
C2 Prevention of fire occurring		BCH/AS1 for <i>backcountry huts</i>
C3 Fire affecting areas beyond the fire source		C/VM1 for solid fuel burning appliances for compliance with clauses C2.2 and C2.3
C4 Movement to place of safety		C/VM2 for all buildings except those that:
C5 Access and safety for firefighting operations		a) Do not have simultaneous evacuation schemes that evacuate immediately to the outside, or
C6 Structural stability		b) Require a managed evacuation, or c) Contain fire hazards that are not defined in the verification method

# Part 2. Limiting heat transfer

## 2.1 Test requirements

### 2.1.1 Demonstrating compliance

2.1.1.1 Compliance may be verified for solid fuel burning appliances by meeting the appropriate test requirements of AS/NZS 2918.

## References and Definitions

### Appendix A. References

For the purposes of Building Code compliance, the standard referenced in this verification method must be the edition listed below.

<b>Standards New Zealand</b>	<b>Where quoted</b>
AS/NZS 2918: 2001      Domestic solid fuel burning appliances – Installation	2.1.1.1

### Appendix B. Definitions

There are no definitions specific to this verification method.

# BUILDING PERFORMANCE

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