

# G4 Ventilation

---

Requires ventilation to all occupied spaces.

This clause requires spaces in buildings to be provided with adequate ventilation consistent with their maximum occupancy and intended use.

It sets out provisions for outdoor air and extract ventilation. It ensures systems are maintained against bacteria, pathogens and allergens. It requires 'products' (such as cooking fumes, moisture, or gases) to be removed for other people's amenity and the protection of property.

[Record of amendments \(https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/record-of-amendments/\)](https://www.building.govt.nz/building-code-compliance/how-the-building-code-works/different-ways-to-comply/acceptable-solutions-and-verification-methods/record-of-amendments/) is a record of changes to the Acceptable Solutions, Verification Methods and handbooks.

## Updates

---

### MBIE to consult twice yearly on changes to the Building Code System

10 AUGUST 2018

MBIE will now consult twice yearly to ensure Acceptable Solutions and Verification Methods are up to date.

[\(https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-237/\)](https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-237/)

### Consultation on amending Acceptable Solutions and Verification Methods 2018

8 AUGUST 2018

We want your feedback by 21 September on proposals to amend Acceptable Solutions and Verification Methods.

[\(https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-236/\)](https://www.building.govt.nz/about-building-performance/news-and-updates/all-news-and-updates/bc-update-236/)

[View all related news and updates \(https://www.building.govt.nz/search/?bcc%5B%5D=g4-ventilation&area=news-and-updates&show=all&action\\_doSearch=Search&sort=recent#results\)](https://www.building.govt.nz/search/?bcc%5B%5D=g4-ventilation&area=news-and-updates&show=all&action_doSearch=Search&sort=recent#results)

## Acceptable Solutions and Verification Methods

---

### Current version

---

These are issued by MBIE to provide one way of complying with the Building Code and must be accepted by BCAs as demonstrating compliance with the related clauses of the Building Code. Using them

### Previous versions

---

#### **3rd edition, amendment 3**

[PDF 598 KB]

[\(https://www.building.govt.nz/assets/Uploads/building-code-](https://www.building.govt.nz/assets/Uploads/building-code-)

is not mandatory.

### 3rd edition, amendment 4

[PDF 632 KB]

Effective from 1 January 2017

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/g-services-and-facilities/g4-ventilation/asvm/g4-ventilation-3rd-edition-amendment4.pdf>)

### 3rd edition, amendment 4 replacement pages

[PDF 592 KB]

(<https://www.building.govt.nz/assets/Uploads/g4-ventilation-3rd-edition-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.

[compliance/g-services-and-facilities/g4-ventilation/asvm/g4-ventilation-3rd-edition-amendment-3.pdf](https://www.building.govt.nz/assets/Uploads/building-code-compliance/g-services-and-facilities/g4-ventilation/asvm/g4-ventilation-3rd-edition-amendment-3.pdf))

### 3rd edition, amendment 3 replacement pages

[PDF 687 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/g-services-and-facilities/g4-ventilation/asvm/g4-ventilation-3rd-edition-amendment-3-rp.pdf>)

### 3rd edition, amendment 2

[PDF 850 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/g-services-and-facilities/g4-ventilation/asvm/g4-ventilation-3rd-edition-amendment-2.pdf>)

### 3rd edition, amendment 2 replacement pages

[PDF 522 KB]

(<https://www.building.govt.nz/assets/Uploads/building-code-compliance/g-services-and-facilities/g4-ventilation/asvm/g4-ventilation-3rd-edition-amendment-2-rp.pdf>)

Version history (<https://www.building.govt.nz/building-code-compliance/g-services-and-facilities/g4-ventilation/acceptable-solutions-and-verification-methods/>)

## Guidance

These documents are provided for assistance. They are not intended as a means of establishing compliance with the Building Act or Building Code, and they do not have the same status accorded to Acceptable Solutions and Verification Methods under the Act.

### Spray booths and paint mixing rooms

Guidance on spray booths and paint mixing rooms and their compliance with Building Code clauses G9, G4 and F3.

(<https://www.building.govt.nz/building-code-compliance/g-services-and-facilities/g4-ventilation/spray-booths-and-paint-mixing-rooms/>)

View all related guidance ([https://www.building.govt.nz/search/?bcc%5B%5D=g4-ventilation&area=guidance&show=all&action\\_doSearch=Search&sort=recent#results](https://www.building.govt.nz/search/?bcc%5B%5D=g4-ventilation&area=guidance&show=all&action_doSearch=Search&sort=recent#results))

## Related Determinations

Determinations are made by MBIE on matters of doubt or dispute to do with building work. Rulings are legally binding in relation to each case. Circumstances in one case may differ to others.

### 2018/014: Refusal of a code compliance certificate for alterations to a house

This determination considers the compliance of consented alterations to an existing house where some inspections during the construction had not been

### 2017/076: Refusal of code-compliance for house with monolithic cladding

This determination is concerned with the compliance of an 18-year-old house. The determination considers the authority's reasons for refusing to issue the

completed by the authority. The determination considers the compliance of the as-built work and whether the authority was correct in declining to issue a code compliance certificate for the work.

[\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2018-014/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/determination-2018-014/)

code compliance certificate and whether the building work complies with the requirements of the Building Code.

[\(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/2017076-refusal-of-code-compliance-for-house-with-monolithic-cladding/\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/2017076-refusal-of-code-compliance-for-house-with-monolithic-cladding/)

---

[View 42 Determinations related to Ventilation \(https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/?bcc%5B%5D=g4-ventilation&action\\_doSearch=Search#results\)](https://www.building.govt.nz/resolving-problems/resolution-options/determinations/determinations-issued/?bcc%5B%5D=g4-ventilation&action_doSearch=Search#results)

## Related building products

---

All products, systems and construction methods that have achieved CodeMark status will be listed here with their most up to date certificate.

[View 4 certified building products associated with Ventilation \(https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?&bcc%5B%5D=g4-ventilation&action\\_doSearch=Search#results\)](https://www.building.govt.nz/building-code-compliance/product-assurance-and-multiproof/codemark/product-certificate-register/?&bcc%5B%5D=g4-ventilation&action_doSearch=Search#results)



**MINISTRY OF BUSINESS,  
INNOVATION & EMPLOYMENT**  
HĪKINA WHAKATUTUKI

**New Zealand Government**