



MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT
HĪKINA WHAKATUTUKI

Acceptable Solutions and Verification Methods

For New Zealand Building Code Clause
G2 Laundering



Status of Verification Methods and Acceptable Solutions

Verification Methods and Acceptable Solutions are prepared by the Ministry of Business, Innovation and Employment in accordance with section 22 of the Building Act 2004. Verification Methods and Acceptable Solutions are for use in establishing compliance with the New Zealand Building Code.

A person who complies with a Verification Method or Acceptable Solution will be treated as having complied with the provisions of the Building Code to which the Verification Method or Acceptable Solution relates. However, using a Verification Method or Acceptable Solution is only one method of complying with the Building Code. There may be alternative ways to comply.

Users should make themselves familiar with the preface to the New Zealand Building Code Handbook, which describes the status of Verification Methods and Acceptable Solutions and explains alternative methods of achieving compliance.

Defined words (italicised in the text) and classified uses are explained in Clauses A1 and A2 of the Building Code and in the Definitions at the start of this document.

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**Verification Methods and Acceptable Solutions
are available from www.building.govt.nz**

New Zealand Government

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Document Status

The most recent version of this document (Amendment 3), as detailed in the Document History, is approved by the Chief Executive of the Ministry of Business, Innovation and Employment. It is effective from 1 January 2017 and supersedes all previous versions of this document.

The previous version of this document (Amendment 2) will cease to have effect on 30 May 2017.

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 Verification Method or Acceptable Solution at any time. Up-to-date versions of Verification Methods and Acceptable Solutions are available from www.building.govt.nz

G2: Document History			
	Date	Alterations	
First published	July 1992		
Amendment 1	1 July 2001	p. 2, Document History, Status p. 9, Definitions	
Amendment 2	10 October 2011	p. 2, Document History, Status p. 3, Code Clause G2 p. 7, References	p. 9, Definitions p.13, G2/AS1 1.0.3 p.15, Index
Reprinted incorporating Amendments 1 and 2	10 October 2011 until 30 May 2017		
Amendment 3	Effective 1 January 2017	p. 5 Contents p. 7 References p. 9 Definitions	p. 13 G2/AS1 1.0.3, 1.2, Figure 1 p. 14 G2/AS1 Figure 2
Note: Page numbers relate to the document at the time of Amendment and may not match page numbers in current document.			

New Zealand Building Code

Clause G2 Laundering

This Clause is extracted from the New Zealand Building Code contained in the First Schedule of the Building Regulations 1992.

<p>1992/150</p> <p style="text-align: center;"><i>Building Regulations 1992</i></p> <p style="text-align: right;">55</p> <p style="text-align: center;">FIRST SCHEDULE—<i>continued</i></p> <p>Clause G2—LAUNDERING</p> <p style="text-align: center;">Provisions</p> <p>OBJECTIVE</p> <p>G2.1 The objective of this provision is to ensure:</p> <ul style="list-style-type: none"> (a) <i>Adequate amenities</i> for people to do laundering, and (b) That <i>people with disabilities</i> are able to carry out normal activities and processes within <i>buildings</i>. <p>FUNCTIONAL REQUIREMENT</p> <p>G2.2 <i>Buildings</i> shall be provided with <i>adequate</i> space and facilities for laundering.</p> <p>PERFORMANCE</p> <p>G2.3.1 Facilities shall have capacity for the <i>intended use</i>, and consist of <i>fixtures</i>, or space and services for appliances.</p> <p>G2.3.2 Space shall be <i>adequate</i> in size to provide for the installation and use of <i>fixtures</i> or appliances.</p> <p>G2.3.3 Space and facilities shall be provided within each accommodation unit or may be grouped elsewhere in a convenient location.</p> <p>G2.3.4 <i>Accessible</i> facilities shall be provided for <i>people with disabilities</i>.</p>	<p style="text-align: center;">Limits on application</p> <p>Objective G2.1(b) shall apply to those <i>buildings</i> to which section 47A of the Act applies.</p> <p>Requirement G2.2 shall apply only to <i>Housing</i>, old people's homes, early childhood centres, camping grounds and work camps.</p> <p>Performance G2.3.4 shall apply only to camping grounds.</p>
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Note: Section 47A is in the Building Act 1991. The equivalent section in the Building Act 2004 is section 118.

Effective from 29 December 2000

Contents

	Page
References	7
Definitions	9
Verification Method G2/VM1	11
Acceptable Solution G2/AS1	13
1.0 Laundering Facilities	13
1.1 Service connections	13
Amend 3 1.2 Minimum space	13
Jan 2017 1.3 Number of facilities	14
Index	15

References

For the purposes of New Zealand Building Code (NZBC) compliance, the Standards and documents referenced in these Acceptable Solutions and Verification Methods (primary reference documents) must be the editions, along with their specific amendments, listed below. Where these primary reference documents refer to other Standards or documents (secondary reference documents), which in turn may also refer to other Standards or documents, and so on (lower-order reference documents), then the version in effect at the date of publication of these Acceptable Solutions and Verification Methods must be used.

Amend 2
Oct 2011

Amend 3
Jan 2017

Amend 3
Jan 2017

Amend 3
Jan 2017
Amend 2
Oct 2011

Standards New Zealand

AS/NZS 1229: 2002 Laundry troughs and tubs

Where quoted

AS1 1.0.3

Definitions

This is an abbreviated list of definitions for words or terms particularly relevant to these Acceptable Solutions and Verification Methods. The definitions for any other italicised words may be found in the New Zealand Building Code Handbook.

Amends
2 and 3

Accessible Having features to permit use by *people with disabilities*.

Adequate *Adequate* to achieve the objectives of the *building code*.

Amenity An attribute of a *building* which contributes to the health, physical independence, and well being of the *building's* users but which is not associated with disease or a specific illness.

Building has the meaning given to it by sections 8 and 9 of the *Building Act 2004*.

Discharge pipe Any pipe that is intended to convey discharge from *sanitary fixtures* or *sanitary appliances*.

Amend 2
Oct 2011

Fixture An article intended to remain permanently attached to and form part of a *building*.

Intended use in relation to a *building*,—

(a) includes any or all of the following:

- (i) any reasonably foreseeable occasional use that is not incompatible with the *intended use*;
- (ii) normal maintenance;
- (iii) activities undertaken in response to *fire* or any other reasonably foreseeable emergency; but

(b) does not include any other maintenance and repairs or rebuilding.

Person with a disability means a *person* who has an impairment or a combination of impairments that limits the extent to which the *person* can engage in the activities, pursuits, and processes of everyday life, including, without limitation, any of the following:

- (a) a physical, sensory, neurological, or intellectual impairment;
- (b) a mental illness.

Amend 1
Jul 2001

Amend 2
Oct 2011

Socket outlet An accessory fixed to a wall or ceiling and designed to accept a plug that extends the electrical supply to an appliance by means of a flexible cable.

Water seal The depth of water that can be retained in a *water trap*.

Water trap A fitting designed to retain a depth of water that prevents foul air and gases escaping from the *plumbing system* or *foul water drainage system* and entering a *building*.

Amend 1
Jul 2001

Verification Method G2/VM1

No specific test methods have been adopted for verifying compliance with the Performance of NZBC G2.

Acceptable Solution G2/AS1

1.0 Laundering Facilities

1.0.1 Laundering facilities shall be provided with:

- a) A laundry tub, or
- b) Space and service connections for a washing machine.

1.0.2 A laundry tub shall:

- a) Have a capacity to spill-level of no less than 35 litres, and
- b) Be capable of fully containing a solid cylinder of 400 mm diameter and 200 mm depth.

COMMENT:

This provision allows for the filling or washing of containers such as buckets.

Amend 2
Oct 2011

1.0.3 Another Acceptable Solution

Amend 3
Jan 2017

Laundering tubs complying with AS/NZS 1229 are acceptable, but exceed the requirements given in Paragraph 1.0.2.

1.1 Service connections

1.1.1 A tub shall be provided with a cold water supply.

1.1.2 Space provided for a washing machine shall have a cold water supply, a discharge pipe, a water trap, and an adjacent 10 amp socket outlet.

1.1.3 Plumbing and drainage for waste water from the tub and washing machine discharge pipe shall be provided as required by NZBC G13 "Foul Water".

COMMENT:

NZBC G9 "Electricity", G12 "Water Supplies", and G13 "Foul Water" are also relevant to laundering facilities.

1.2 Minimum space

Amend 3
Jan 2017

1.2.1 Laundry floor space shall be no less than shown in Figure 1.

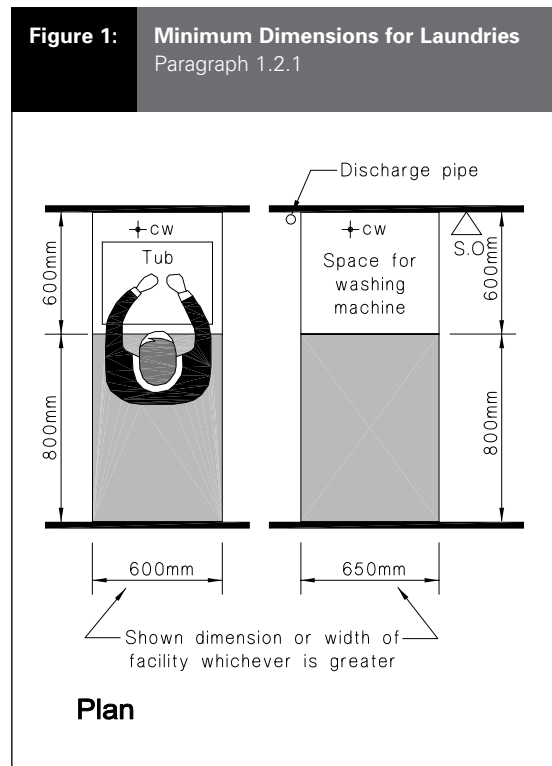
1.2.2 Where laundry facilities are intended for people with disabilities, space to allow a turning circle of 1500 mm shall be provided in front of the laundry tub or washing machine, as shown in Figure 2.

COMMENT:

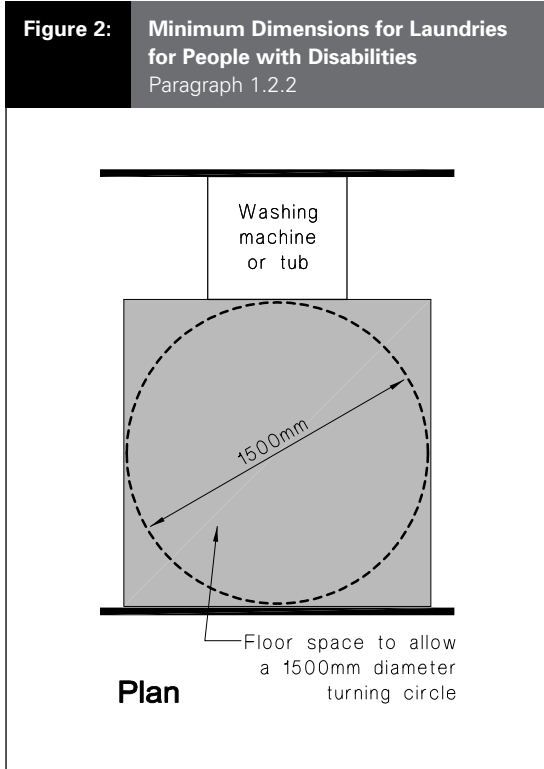
The washing machine space dimensions allow for a range of popular machines. Designers should check current models and increase the size if necessary.

Figure 1: Minimum Dimensions for Laundries
Paragraph 1.2.1

Amend 3
Jan 2017



Amend 3
Jan 2017



1.3 Number of facilities

1.3.1 Laundering facilities shall be provided according to the number of people being serviced. Acceptable provisions are shown in Table 1.

Table 1: Provision of Laundering Facilities
Paragraph 1.3.1

Defined use	Number required
Detached dwelling or separate <i>household unit</i> to accommodate no more than 2 people	Nil
Detached dwelling or separate <i>household unit</i> to accommodate 3 or more people, and early childhood centres	1
Group dwelling, old people's homes, and work camps	1 per 20 people
Multi-unit dwellings (common laundry space)	1 per 4 dwelling units
Camping grounds	1 per 70 people

Index G2/VM1 & AS1

All references to Verification Methods and Acceptable Solutions are preceded by **VM** or **AS** respectively.

Amend 2
Oct 2011

Laundries **AS1** 1.0

- another Acceptable Solution **AS1** 1.0.3
- capacity **AS1** 1.0.2 a)
- electricity supply **AS1** 1.1.2
- minimum dimensions **AS1** 1.2.1, Figure 1
- number of facilities **AS1** 1.3.1, Table 1
- size **AS1** 1.0.2 b)
- tubs **AS1** 1.0.1 a), 1.0.2, 1.1.1
- washing machines **AS1** 1.0.1 b), 1.1.2
- water supply **AS1** 1.1.1, 1.2

People with disabilities **AS1** 1.2.2, Figure 2

