



Volume Three

Plumbing Code of Australia

2019

Amendment 1

Summary and Instructions

NCC 2019 Amendment 1

NCC 2019 Amendment 1 includes:

- an amendment to require (from 1 July 2021) that a process be followed to improve the quality of Performance Solutions and the supporting documentation;
- a new provision in NCC Volume One regarding egress from early childhood centres;
- an update to the Governing Requirements for all Volumes to require labelling of aluminium composite panels in accordance with SA Technical Specification 5344;
- clarification of the concession in NCC Volume One that permits the use of timber framing for low-rise Class 2 and 3 buildings;
- clarification in NCC Volume Two that the anti-ponding board requirements only apply to roofs where sarking is installed; and
- correction of minor errors.

NCC 2019 Amendment 1 is adopted from 1 July 2020.

The 2019 edition of NCC Volume Three is amended by Amendment 1 as follows:

Add A2.2(4) of Part A2 and Note (after A2.2(3)) as follows:

A2.2 Performance Solution

- (4) Where a *Performance Requirement* is proposed to be satisfied by a *Performance Solution*, the following steps must be undertaken:
- (a) Prepare a *performance-based design brief* in consultation with relevant stakeholders.
 - (b) Carry out analysis, using one or more of the *Assessment Methods* listed in (2), as proposed by the *performance-based design brief*.
 - (c) Evaluate results from (b) against the acceptance criteria in the *performance-based design brief*.
 - (d) Prepare a final report that includes—
 - (i) all *Performance Requirements* and/or *Deemed-to-Satisfy Provisions* identified through A2.2(3) or A2.4(3) as applicable; and
 - (ii) identification of all *Assessment Methods* used; and
 - (iii) details of steps (a) to (c); and
 - (iv) confirmation that the *Performance Requirement* has been met; and
 - (v) details of conditions or limitations, if any exist, regarding the *Performance Solution*.

Note:

A2.2(4) does not take effect until 1 July 2021.

Add to Explanatory information for Part A2 as follows:

A2.4(2)(a) references A2.2. Therefore when using a combination of *Performance Solutions* and *Deemed-to-Satisfy Solutions* it is necessary to comply with A2.2(4) where a *Performance Requirement* is proposed to be satisfied by a *Performance Solution*.

Add A5.7 (after A5.6) of Part A5 as follows:

A5.7 Labelling of Aluminium Composite Panels

An *Aluminium Composite Panel* must be labelled in accordance with SA TS 5344.

Add the following abbreviation and definition to Schedule 2 as follows:

Schedule 2 Abbreviations and symbols

Abbreviation	Definition
ACP	Aluminium Composite Panel

Add or amend the following terms and definition in Schedule 3 as follows:

Schedule 3 Definitions

Add the term “Aluminium Composite Panel (ACP) and its definition (after “Alteration”) as follows:

Aluminium Composite Panel (ACP) means flat or profiled aluminium sheet material in composite with any type of materials.

Delete definition of Farm building and insert definition of Farm building as follows:

Farm building means a Class 7 or 8 building located on land primarily used for *farming*—

- (a) that is—
 - (i) used in connection with *farming*; or
 - (ii) used primarily to store one or more *farm vehicles*; or
 - (iii) a combination of (i) and (ii); and
- (b) in which the total number of persons accommodated at any time does not exceed one person per 200 m² of *floor area* or part thereof, up to a maximum of 8 persons; and
- (c) with a total *floor area* of not more than 3500 m².

Delete definition of Farm shed and insert definition of Farm shed as follows:

Farm shed means a single *storey* Class 7 or 8 building located on land primarily used for *farming*—

- (a) that is—
 - (i) used in connection with *farming*; or
 - (ii) used primarily to store one or more *farm vehicles*; or
 - (iii) a combination of (i) and (ii); and
- (b) occupied neither frequently nor for extended periods by people; and
- (c) in which the total number of persons accommodated at any time does not exceed 2; and
- (d) with a total *floor area* of more than 500 m² but not more than 2000 m².

Delete definition of Performance-based design brief (PBDB) and insert definition of Performance-based design brief (PBDB) as follows:

Performance-based design brief (PBDB) means the process and the associated report that defines the scope of work for the performance-based analysis, the technical basis for analysis, and the criteria for acceptance of any relevant *Performance Solution* as agreed by stakeholders.

In Table 1 of Schedule 4, insert new row (after row starting with “N/A” and before “TN 61”) as follows:

Table 1 Schedule of referenced documents

No.	Date	Title	Volume One	Volume Two	Volume Three
SA TS 5344	2019	Permanent labelling for Aluminium Composite Panel (ACP) products	A5.7	A5.7	A5.7

In History of PCA Adoption, Add 7.1 (after 7.0) as follows:

7.1 Amendment No. 1

Amendment 1 to the 2019 edition of the PCA was adopted by the Commonwealth, States and Territories as set out in [Table 7.1](#).

Table 7.1 History of adoption of PCA 2019 Amendment 1

Administration	Adoption Date
Australian Government	1 July 2020
Australian Capital Territory	1 July 2020
New South Wales	1 July 2020

Northern Territory	1 July 2020
Queensland	1 July 2020
South Australia	1 July 2020
Tasmania	1 July 2020
Victoria	1 July 2020
Western Australia	1 July 2020

Delete the List of Amendments for NCC 2019 Volume Three and insert the List of Amendments for NCC 2019 Volume Three Amendment 1 as follows:

List of Amendments – NCC 2019 – Volume Three Amendment 1

This list has been prepared by the Australian Building Codes Board to assist National Construction Code (NCC) users in identifying changes incorporated in Amendment 1 to the 2019 edition of NCC Volume Three. The notes provide a description of major changes made from the previous edition of Volume Three.

While the Australian Building Codes Board has attempted to include all major changes made from the previous edition of Volume Three, the Board does not give any warranty nor accept any liability in relation to the contents of this list of amendments.

List of Amendments

Reference	Changes and Commentary
A2.2(4)	A new sub-clause has been added to require a process be followed when undertaking a Performance Solution.
A5.7	A new provision has been added to require labelling of Aluminium Composite Panels.
Schedule 2	An abbreviation, 'ACP', has been added for Aluminium Composite Panel.
Schedule 3	A defined term, 'Aluminium Composite Panel (ACP)', has been added.
Schedule 3	The defined term 'Performance-based design brief (PBDB)' has been amended on account of the introduction of A2.2(4).
Schedule 4	The 2019 edition of SA TS 5344 'Permanent labelling for Aluminium Composite Panel (ACP) products' has been referenced.