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UPDATE 39

AUGUST 2016

NATIONAL BUILDING SERVICE

R Brown

Material Code 30174408

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NATIONAL CONSTRUCTION CODE

This update incorporates the 2016 amendments to the Building Code of Australia (BCA) and the Plumbing Code of Australia (PCA) as issued by the Australian Building Codes Board. Volume 1 – Class 2 to Class 9 Buildings, Volume 2 – Class 1 and Class 10 Buildings: Housing Provisions and Volume 3 Plumbing Code of Australia have been amended with the 2016 provisions which commenced 1 May 2016.

The following is a brief list of the clauses that have been amended in Volume 1 of the BCA:

- The Objectives and Functional Statements have been relocated to guidance material in Sections A, B, C, D, E, F, G, H and J.
- **Section A**
 - Part A0 provisions have been amended, restructured and relocated to assist in increasing the use of Performance Solutions.
 - Clauses A0.9 and A0.10 have been deleted.
 - A1.1 definitions have been amended.
 - Specification A1.1 Table A1.3 references have been inserted, amended or deleted: AS 1170.4, AS/NZS 1200, AS/NZS 1428.4.1, AS 1530.4, AS 1668.1, AS 1670.1, AS 1670.4, AS 1720.1, AS 1720.4, AS 1720.5, AS 1905.1, AS 2293.3, AS/NZS 3500.3, AS 3786, AS 4505, AS 5146.1, AS 5637.1, AS ISO 9705, NASH Standard and SA TS 101.
 - Specifications A2.3 and A2.4 have been amended.
- **Section B**
 - BV2 new Verification Method inserted.
 - B1.4 and B1.5 have been amended.
- **Section C**
 - C1.10 and C3.1 have been amended.
 - C1.13 has been inserted in regards to fire-protected timber.
 - Specifications C1.1 and C1.10 have been amended.

- Specification C1.13 has been inserted for fire-protected timber.
- **Section D**
 - D1.6, D1.10, D1.13, D2.13, D2.21 have been amended.
 - D2.25 has been inserted in regards to the use of timber within a fire-isolated stairway or passageway.
- **Section E**
 - Tables E1.5 and E2.2a have been amended.
 - Specification E2.2a and E2.2b have been amended.
 - Part E4 heading has been changed from “Emergency lighting, exit signs and warning systems” to “Visibility in an emergency, exit signs and warning systems”.
 - EP4.1 has been amended.
- **Section F**
 - F1.9, F1.12, F2.3, F3.1, F4.3 and F4.6 have been amended.
 - Table F2.1 has been amended.
 - FV4.1 and FV4.2 new Verification Methods have been included.
- **Section G**
 - Part G2 heading has been amended to include boilers and pressure vessels.
 - Boilers and pressure vessels have been included in new provisions G2.2 and Specification G2.2 as well as in GP2.2.
 - G4.8 has been amended and restructured.
- **Section H**
 - Part H1 heading has been re-named from “Theatres, stages and public halls” to “Class 9b buildings”.
 - Part H3 has been inserted to include provisions for farm buildings and farm sheds.
- **Section J** – JV3 and J0.2 have been amended.
- **Abbreviations and Symbols** – Parts per million has been added as abbreviation ppm.
- **State and Territory additions** – ACT, NSW, Qld, SA, Tas, Vic and WA have been amended.

Volume 2 amendments include:

- The Objectives and Functional Statements have been relocated to explanatory information sections for Section 2.
- **Section 1**
 - Part 1.0 provisions have been amended, restructured and relocated to assist in increasing the use of Performance Solutions.
 - 1.1.1.2 definitions have been amended.
 - New provision 1.2.5 included concerning resistance to the incipient spread of fire.
 - Table 1.4.1 – the following references have been amended, deleted or inserted: AS 1170.4, AS/NZS 1200, AS 1530.4, AS 1697, AS 1670.1, AS 1720.1, AS 1720.5, AS/NZS 2269.0, AS/NZS 3500.3, AS 3786, AS 4055, AS 4505, AS 4773.1, AS 4773.2, AS 5146.1, NASH Standard and SA TS 101.
- **Section 2**
 - The Objectives and Functional Statements have been relocated to an explanatory information note.
 - New Verification Methods have been inserted at V2.1.2 and V2.4.5.
- **Section 3**
 - Parts 3.1.3, 3.4.1 and 3.9.1 have been restructured and amended to improve usability.
 - New Tables 3.5.2.3a, 3.5.2.3b, 3.5.2.4a and 3.5.2.4b have been included for the required overflow volume and acceptable overflow measures.
 - Parts 3.5.2, 3.7.1, 3.7.2, 3.8.3, 3.8.4, 3.8.5, 3.9.2, 3.9.3, 3.9.4 3.11.6 and 3.11.7 have been amended throughout.
- **State and Territory additions** – the footnotes have been amended in ACT, NSW, Tas and Vic additions.

Volume 3 amendments include:

- **Section A**

- Part A0 have been amended, restructured and relocated as part of the initiative to increase the use of Performance Solutions.
- A1.1 definitions have been amended.
- A1.7(a) new sub-clause inserted to align with the similar provision in Vols 1 and 2.
- New clause A2.0 added to provide transitional provision for changes to the WaterMark Certification Scheme.
- A2.1 and A2.2 amended to reflect changes to the WaterMark Certification Scheme.
- Table A3.1 references to AS 1668.1, AS/NZS 3500.1, AS/NZS 3500.2, AS/NZS 3500.3, AS/NZS 3500.4, AS/NZS 4234, ABCB and ISO.IEC Guide 67 have been amended.
- **Section B**
 - Part B1 Cross-volume considerations has been amended to include reference to Part J6 of Vol 1 regarding power supply to boiling and/or chilled water storage units.
 - Part B2 Cross-volume considerations has been amended to include reference to Part J8 of Vol 1 regarding energy consumption monitoring for water heaters.
- **Section G**
 - Part G1 content has been relocated to the WaterMark Certification Scheme set out on the ABCB website. An explanatory note has been included to outline the Scheme and its relationship with the NCC.
- **State and Territory additions** – ACT, NSW, NT, Qld, SA, Tas and Vic have been amended.

For a comprehensive list of *all* amendments see the following lists within the NCC Developments section:

- List of amendments for the Building Code of Australia Class 2 to Class 9 Buildings – Volume 1;
- List of amendments for the Building Code of Australia Class 1 and Class 10 Buildings: Housing Provisions – Volume 2; and
- List of amendments for the Plumbing Code of Australia – Volume 3.