

# AUSTRALIAN STANDARD CHANGES 2019

## GRIMBOS BUILDING SURVEYORS

Level 1, Suite 1, 397 Smith Street  
Fitzroy, Melbourne VIC 3065

+61 3 9419 7000

[info@grimbos.com.au](mailto:info@grimbos.com.au)  
[www.grimbos.com.au](http://www.grimbos.com.au)

Reference	Changes and Commentary
AS/NZS ISO 717.1	The 2004 edition of AS/NZS ISO 717 Part 1 'Acoustics —Rating of sound insulation in buildings and of building elements —Airborne sound insulation' has been referenced. A note has been included to outline transitional arrangements.
AS/NZS 1170.2	Amdts 4 and 5 of the 2011 edition of AS/NZS 1170 Part 2 'Structural design actions — Wind actions' have been referenced.
AS/NZS 1170.3	Amdt 2 of the 2003 edition of AS/NZS 1170 Part 3 'Structural design actions—Snow and ice actions' has been referenced.
AS 1170.4	Amdt 2 of the 2007 edition of AS 1170 Part 4 'Structural design actions — Earthquake actions in Australia' has been referenced.
AS/NZS 1276.1	The 1999 edition of AS/NZS 1276 Part 1 'Acoustics — Rating of sound insulation in buildings and of building elements—Airborne sound insulation' has been deleted. A note has been included to outline transitional arrangements.
AS 1288	Amdts 2 and 3 of the 2006 edition of AS 1288 'Glass in buildings — Selection and installation' have been referenced.
AS 1428.1	Amdt 2 of the 2009 edition of AS 1428 Part 1 'Design for access and mobility—General requirements for access — New building work' has been referenced.
AS 1530	The note to AS 1530 permitting use of reports relating to tests carried out under earlier editions of AS 1530 Parts 1, 2 and 4 has been amended to include an expiry date of 1 May 2022.
AS 1562.1	The 2018 edition of AS 1562 Part 1 'Design and installation of sheet roof and wall cladding — Metal' has been referenced. A note provides a transition period for tests carried out based on the 1992 edition of AS 1562 Part 1 meaning that tests carried out previously under the 1992 edition remain valid, however those carried out after the NCC 2019 reference date must be carried out using the 2018 edition.
AS 1657	The 2018 edition of AS 1657 'Fixed platforms, walkways, stairways and ladders — Design, construction and installation' has been referenced.
AS 1668.1	Amdt 1 of the 2015 edition of AS 1668 Part 1 'The use of ventilation and air-conditioning in buildings — Fire and smoke control in buildings' has been referenced. The title has been amended to reflect the re-named standard.
AS 1668.2	The title has been amended to reflect the re-named standard and Amdt 2 of AS 1668 Part 2 'The use of ventilation and air-conditioning in buildings — Mechanical ventilation in buildings' has been referenced.
AS 1670.1	The 2018 edition of AS 1670 Part 1 'Fire detection, warning, control and intercom systems—System design, installation and commissioning — Fire' has been referenced. A note has been included to outline transitional arrangements.
AS 1670.3	The 2018 edition of AS 1670 Part 3 'Fire detection, warning, control and intercom systems—System design, installation and commissioning — Fire alarm monitoring' has been referenced. A note has been included to outline transitional arrangements.
AS 1670.4	The 2018 edition of AS 1670 Part 4 'Fire detection, warning, control and intercom systems—System design, installation and commissioning — Emergency warning and intercom systems' has been referenced. The title has been amended to reflect the re-named standard. A note has been included to outline transitional arrangements.
AS 1905.1	Amdt 1 of the 2015 edition of AS 1905 Part 1 'Components for the protection of openings in fire-resistant walls — Fire-resistant doorsets' has been referenced.
AS 2047	Amdts 1 and 2 of the 2014 edition of AS 2047 'Windows and external glazed doors in buildings' have been referenced. A note has been included to outline transitional arrangements.
AS 2050	The 2018 edition of AS 2050 'Installation of roof tiles' has been referenced.
AS 2118.1	The 1999 edition of AS 2118 Part 1 'Automatic fire sprinkler system — General requirements' has been deleted.
AS 2293.1	The 2005 edition of AS 2293 Part 1 'Emergency escape lighting and exit signs — System design, installation and operation' has been deleted.

Reference	Changes and Commentary
AS/NZS 2293.1	The 2018 edition of AS/NZS 2293 Part 1 'Emergency escape lighting and exit signs— System design, installation and operation' has been referenced.
AS 2293.3	The 2005 edition of AS 2293 Part 3 'Emergency escape luminaires and exit signs' has been deleted.
AS/NZS 2327	The 2017 edition of AS/NZS 2327 'Composite structures - Composite steel-concrete construction in buildings' has been referenced. AS 2327 Part 1 is no longer referenced.
AS/NZS 2918	The 2018 edition of AS/NZS 2918 'Domestic solid-fuel burning appliances — installation' has been referenced. A note has been included to outline transitional arrangements.
AS 3600	The 2018 edition of AS 3600 'Concrete Structures' (incorporating amendment 1) has been referenced.
AS 3660.1	The 2000 edition of AS 3660 Part 1 'Termite management — New building work' has been deleted. Amdt 1 of the 2014 edition of AS 3660 Part 1 'Termite management — New building work' has been referenced.
AS 3700	The 2018 edition of AS 3700 'Masonry structures' has been referenced.
AS 3786	The 1993 edition of AS 3786 'Smoke alarms' has been deleted. Amdt 2 of the 2014 edition of AS 3786 'Smoke alarms using scattered light, transmitted light or ionization' has been referenced. A note has been added to enable reports relating to tests carried out under AS 3786 — 2014 Amdt 1 to remain valid but tests carried out after the NCC reference date must use AS 3786 — 2014 Amdt 1 and 2.
AS/NZS 3837	The 1998 edition of AS/NZS 3837 'Method of test for heat and smoke release rates for materials and products using an oxygen consumption calorimeter' has been deleted.
AS 3959	The 2018 edition of AS 3959 'Construction of buildings in bushfire-prone areas' has been referenced.
AS 4072.1	The note to AS 4072 Part 1 permitting use of tests carried out under AS 1530.4 prior to 1 January 1995 has been amended to include an expiry date of 1 May 2022.
AS/NZS 4200.1	The 2017 edition of AS/NZS 4200 Part 1 'Pliable building membranes and underlays — Materials' has been referenced.
AS 4200.2	The 2017 edition of AS 4200 Part 2 'Pliable building membranes and underlays — Installation requirements' (incorporating amendment 1) has been referenced.
AS 4586	Amdt 1 of AS 4586 'Slip resistance classification of new pedestrian surface materials' has been referenced. A note has been included to outline transitional arrangements.
AS 4597	The 1999 edition of AS 4597 'Installation of roof slates and shingles (Noninterlocking type)' has been referenced.
AS/NZS 4600	The 2018 edition of AS/NZS 4600 'Cold-formed steel structures' has been referenced.
AS/NZS 4859.1	The 2018 edition of AS/NZS 4859 Part 1 'Thermal insulation materials for buildings— General criteria and technical provisions' has been referenced.
AS/NZS 4859.2	The 2018 edition of AS/NZS 4859 Part 2 'Thermal insulation materials for buildings — Design' has been referenced.
AS 5113	Amdt 1 of the 2016 edition of AS 5113 'Classification of external walls of buildings based on reaction-to-fire performance' has been referenced. The title has been amended to reflect the re-named standard.
AS 5146.1	Amdt 1 of the 2015 edition of AS 5146 Part 1 'Reinforced Autoclaved Aerated Concrete— Structures'
AS 5216	The 2018 edition of AS 5216 'Design of post-installed and cast-in fastenings for use in concrete' has been referenced. This replaces the 2015 edition of SA TS 101 'Design of post-installed and cast-in fastenings for use in concrete'.

Reference	Changes and Commentary
ASTM D3018-90	Reference to ASTM D3018-90 'Class A asphalt shingles surfaced with mineral granules' has been deleted.
AIRAH-DA28 Appendix B	The 2011 edition of AIRAH-D28 'Building Management and Control Systems' has been referenced.
ANSI/ASHRAE Standard 55	The 2013 edition of ANSI/ASHRAE Standard 55 'Thermal environmental conditions for human occupancy' has been referenced.
ANSI/ASHRAE Standard 140	The 2007 edition of ANSI/ASHRAE Standard 140 'Standard method of test for the evaluation of building energy analysis computer programs' has been referenced.
ASTM E72-15	The 2015 edition of 'Standard Test Methods of Conducting Strength Tests of Panels for Building Construction' has been referenced.
ASTM E695-03	The 2003 edition of ASTM E695-03 'Standard Method for Measuring Relative Resistance of Wall, Floor and Roof Construction to Impact loading' has been referenced.
AHRI 550/590	Reference to the 2013 edition of AHRI 550/590 'Water chilling packages using the vapour compression cycle' has been deleted.
AHRI 551/591	The 2015 edition of AHRI 551/591 'Performance Rating of Water-Chilling and Heating Packages Using the Vapour Compression Cycle' has been referenced.
BS 7190	Reference to BS 7190 'Assessing thermal performance of low temperature hot water boilers using a test rig' has been deleted.
ABCB	Reference to 'Protocol for Building Energy Analysis Software Version 2006.1' has been deleted.
ABCB	Version 2011.2 of the ABCB 'Protocol for Structural Software' has been referenced.
ABCB	Version 2012.3 of the ABCB 'Standard for Construction of Buildings in Flood Hazard Areas' has been referenced.
CIBSE Guide A	The 2015 edition of CIBSE Guide A 'Environmental design' has been referenced.
European Union Commission Regulation 622/Annex II, point 2	Point 2 of Annex II of European Union Commission Regulation 622 'Eco-design requirements for glandless standalone circulators and glandless circulators integrated in products' has been referenced.
FPAA101D	The 2018 edition of FPAA101D 'Automatic Fire Sprinkler System Design and Installation – Drinking Water Supply' has been referenced.
FPAA101H	The 2018 edition of FPAA101H 'Automatic Fire Sprinkler System Design and Installation – Hydrant Water Supply' has been referenced.
ISO 25745-2	The 2012 edition of ISO 25745-2 'Energy performance of lifts, escalators and moving walks – Part 2: Energy calculation and classification for lifts (elevators)' has been referenced.

---

## GRIMBOS BUILDING SURVEYORS

Level 1, Suite 1, 397 Smith Street  
Fitzroy, Melbourne VIC 3065

+61 3 9419 7000

[info@grimbos.com.au](mailto:info@grimbos.com.au)

[www.grimbos.com.au](http://www.grimbos.com.au)

**GRIMBOS**  
BUILDING SURVEYORS