

STATEMENT



14 December 2016

Public comment: Cold-formed steel structures

Standards Australia will release a public comment draft for AS/NZS 4600, *Cold-formed steel structures*.

The main changes in the draft are as follows:

- Section 7 'Direct Strength Method (DSM) of design' includes sections with holes, inelastic reserve capacity, shear and combined actions, and a wider range of prequalified sections
- Section 8 'Testing' has been updated to align with the National Construction Code.
- New Section 9 'Fire' includes design requirements for fire protected members at elevated temperatures
- New Appendix B 'Methods of Structural Analysis' includes first order, second order and advanced structural analysis
- Appendix D 'Buckling Stresses' includes requirements for all elastic buckling for local, distortional and flexural-torsional modes
- Section 5.3 'Power Actuated Fasteners (PAFs)' includes requirements for PAFs in tension and shear
- Revised Section 5 'Connections' includes new requirements for block shear rupture and net section tension and for screw connections under combined shear and tension

Additionally, the draft AS/NZS 4600 incorporates the latest research from the North American Specification NAS S100 2012 and Australian and New Zealand research on DSM, fire and structural analysis.

Public comment opens on **16 December 2016** and closes **3 March 2017**.

All draft standards open for public comment and instructions on how to comment can be found through this [link](#).

ENDS.

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