

National Precast

Representation & Advocacy Newsletter

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Dear {Contact_First_Name},

Please see the following summary of what has been happening in the March - July 2023 period regarding Standards, specifications and codes.

If you would like to discuss any of these matters, please don't hesitate to contact us at info@nationalprecast.com.au.

Standards

AS 2327 Composite Structures

National Precast representative - Ehab Hamed (University of NSW)

The last committee meeting was held on 29th June, working on the new revised version of AS2327. Additional information will be included relating to composite walls. None of the changes that impact precast. No meeting date has been set.

AS 2783 Use of reinforced concrete for small swimming pools

National Precast representative - Michael Hudson (Hudson Civil)

The committee met on 15th April and is currently working on the new revision. Scope was discussed, and 'water retaining structures' will be excluded. There are no changes that impact precast. No meeting date has been set to continue work.

AS 3600 Concrete Structures

National Precast representative - Geoff Fletcher (Euro Precast)

The last committee meeting was held on 4th July. The committee is currently working on the new revision of AS 3600 and HB 71 revision (RC Design handbook wrt AS 3600:2018).

The committee is aiming for the revised standard to be referenced in NCC 2025, and therefore needs to be drafted by the end of 2023. A new prefabricated concrete section has been proposed.

The Committee has accepted changes (subject to Public Comment process later) on the following topics:

- easing reo congestion,
- highlighting quality benefits of precast,
- improving compaction specification, where designers should consider enabling construction verification, Safety in Design concepts, and
- a requirement for competent construction personnel.

The next meeting is being held early September.

A new draft is complete for HB 71, Reinforced Concrete Design in accordance with AS 3600. A great deal of input was made by John Woodside and peer review will be completed by Sept 2023.

AS 3725 Design for installation of buried concrete pipes

National Precast representative - Michael Hudson (Hudson Civil)

The last meeting was held on 3rd May. The subcommittees are working on gathering data and supplying information back to the main committee. The subcommittees have been established as: Live loads, Dead loads, Bedding & Installation. There are no changes that impact precast. No meeting date has been set to continue the task.

AS 3850 Prefabricated Concrete Elements

National Precast representative - Hayden Carter (Waeger) & Ali Asgari (Leviat)

The last meeting was held on 29th June. The subcommittee is currently implementing the editorial changes to the final draft, which is expected to go to public review later this year.

Major changes that impact precast are as follows:

- Aligning AS 3850.1 and AS 3850.2 with the newly released AS 3850.3.
 - Incorporating details and adding information regarding the testing of edge type anchors.
 - Adding loop anchors into AS 3850.1 as they are required for civil applications and were not covered previously.
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AS 3859 Construction of Buildings in Bushfire Prone Areas

National Precast representative - Cathy Inglis (Austral Precast)

A two-day kick off meeting was held on 4th and 5th April. The subcommittee is currently determining the scope for the revision. It mainly focuses on revising site assessment and enhancing the general construction requirements which will also translate to changes in the construction requirements at the different Bushfire Attack Levels (BALs) in AS 3959, in light of the failures in the 2019/20 bushfire season. There are no changes that impact precast.

AS 4198 Precast concrete access chambers for sewerage applications

National Precast representative - Michael Hudson (Hudson Civil)

The standard has been published. No further developments.

AS 5100 Bridge Design

National Precast representative - Darko Markovic (Delta Corporation)

The standard was issued for public comment which is now closed. There are no changes that impact precast. No meeting date has been set to continue the task.

AS 5100.5 Bridge Design – Concrete

National Precast representatives - Antonio Ramirez Martinez (RECO) & Chris Purcell (Waeger Construction)

The subcommittee met on 6th July and is currently resolving the Public Comments in the final version of the Standard.

ISO/TC 59/SC 19 – Prefabricated Building

National Precast representative - Geoff Fletcher (Euro Precast)

The kick off meeting was held on 22nd November. The subcommittee is working to gather

comment on relevant ISO standards that are being considered. The next meeting may be held in early September.

WHS Authorities

WorkSafe WA - Tilt-up CoP

National Precast representatives - Dan Jones (PERMAcast) & Rod Mackay Sim

Rod has attempted numerous follow ups and has yet to receive a response. He had previously initiated communication with the Commissioner for WorkSafe WA (Darren Kavanagh) and organised for WorkSafe WA to be represented on BD 066. The Commissioner had agreed to provide a case to govt develop a CoP based on the framework of the SWA guide with AS3850 as sole design repository.



New to a standards committee?

If you're representing National Precast on a standards committee and would like to learn more about the standards' development process or hone your committee skills, Standards Australia is running a number of workshops. [Read more](#) (note you will need to log in to your profile to access the information).

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