Proposal Form - Standards Development Projects

Version: 3.9
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This form is to be completed for proposals to initiate projects to produce Australian or Australian/New Zealand Standards or other documents published by Standards Australia. This includes significantly modified adoptions of International Standards. If the proposal includes new or revised joint Australian/New Zealand Standards, Standards Australia will contact Standards New Zealand to ensure appropriate consultation with New Zealand stakeholders. For identical adoptions of International Standards please complete the **Proposal Form – Direct Text Adoptions**.

Proposals for participation in international Standards development should use the **Proposal Form - Participation in International Standards Development Programs**.

This form will take some time and care to complete. It is important that all sections are completed, and that stakeholder consultation is conducted and their input is incorporated. This ensures that Standards Australia is presented with the best information on which to prioritise its efforts across a range of sectors and proposals. It also helps to ensure that there is consensus from appropriate communities of interest on the need for and the importance of the Standard, and on the expectations, timetable and direction of the project. All these elements contribute to producing a quality document in the most efficient and quickest manner.

Please submit completed forms to mail@standards.org.au by the closing date advertised at: http://www.standards.org.au/StandardsDevelopment/Developing_Standards/Pages/Proposing-a-project.aspx

GUIDANCE

What information do I need to provide?

Section & Title	Requirement
Proponent Details	All proposals need to be submitted by an individual, preferably supported by a national organisation. Provide contact details to be used in any correspondence regarding the proposal.
1. Proposal Details	Specify the title, type, relevant sector(s) and type of work being proposed. If a program of work, further information should be provided in the appendix or attachments.
2. Summary and Demonstration of Net Benefit	Outline the need for, and Net Benefit impact of, the proposed work on the Australian community.
3. Harmonisation and Alignment	List existing related documents and alignment of proposed work to these documents.
4. Pathways for Standards Development	State the desired development pathway and who will fund the proposed work.
5. Stakeholder Support	Provide details of relevant stakeholders across interest groups, the consultation process undertaken and whether they support the proposal.
6. Risks and Dependencies	Highlight known risks and any dependencies that may impact successful completion of the proposed project/program.
7. Additional Information	Provide any additional information which may assist in consideration of the proposal.
8. Declaration	Confirm that all information within the proposal form is true and accurate.
Appendix A: Stakeholder Consultation	Identify the relevant Australian stakeholder organisations which may have an interest in this proposal and provide evidence of consultation and support.
Appendix B: Details of projects within a proposed program of work	Where required, provide details of projects in order of priority for development where multiple projects or a program of work is being proposed.
Appendix C: Project Complexity Matrix	Used for calculation of project complexity in Section 1 and Appendix B.

How do I submit a completed proposal?

1. Complete a pre-submission check to ensure that:
   - ✓ All sections of the form are complete.
   - ✓ The Net Benefit case is fully articulated and, where possible, quantified.
   - ✓ Full stakeholder consultation has been conducted with evidence provided.
   - ✓ The declaration is complete.
   - ✓ All supporting documentation is attached to the proposal.
2. Submit completed proposal along with all supporting documentation by email to mail@standards.org.au
3. If for any reason, you are unable to submit this form by email, please contact Standards Australia (1800 035 822).

PROPOSAL FORM FOR STANDARDS DEVELOPMENT PROJECTS

Proposal Reference Number	*Standards Australia to Complete*

Proponent Details

Your name	Craig Heidrich
Position	CEO
Name of employer	Concrete Pumping Association of Australia
Address	PO BOX 1194
Suburb	Wollongong
State	NSW
Postcode	2500
Phone number	1300 136 636
Fax number	+61 2 4258 0169
Mobile number	+61 4 1888 5290
Email address	exec@cpassoc.com.au
Web address	www.cpassoc.com.au

Supporting/Nominating Organisation Details (if applicable)

Name of proponent's national organisation supporting this proposal	Concrete Pumping Association of Australia
Contact officer at national organisation	Craig Heidrich
Contact details	As above

NOTE:

Standards Australia reserves the right to make public information relating to Standards development projects, including information contained within submitted proposal forms and the attached Net Benefit Case in part or in full.

In the event that Standards Australia publishes proposals on its website, this section and stakeholder contact details provided at Appendix A will not be included. However, with prior agreement, your contact details may be provided to interested parties wishing to contribute or comment on the proposal or the proposed project.

Proposal Reference Number	*Standards Australia to Complete*

1. Proposal Details

Proposal title Please provide the full and correct title of the proposed document(s).	AS 2550.15—1994, Cranes—Safe use, Part 15: Concrete placing equipment.
Project Scope Briefly summarise what is being requested within this proposal. Please summarise the scope of the Standard(s) to be produced. Please outline any specific inclusions and exclusions. ***For programs of work, please include the scope of each project in sufficient detail at Appendix B.***	This Standard specifies requirements for the safe use of concrete placing equipment, including the planning, siting, erection and dismantling, maintenance, inspection, assessment, testing and associated specific requirements of concrete placing equipment. This Standard is complementary to AS 2550.1, but the requirements of AS 2550.15 shall take precedence over the corresponding requirements of AS 2550.1. This proposal relates to the now well-overdue periodic review of the above standards (they are more than 20 years old). It is anticipated that the review will consist of updates of the standard's requirements and inclusion of: - general document-wide consistency check for terminology use; - definitions for types of pumps, e.g. line pump, boom pump, separate placing boom; - definition for "competent person"; - where appropriate additional clauses relevant to the various types of pumps, e.g. line pump, boom pump, separate placing boom - alignment of inspection and maintenance requirements with international manufacturer concrete placing equipment;, requirements and international standards - where appropriate, consequential amendments and alignment to AS 2550 series; - where appropriate, consequential amendments and alignment with various federal and state WHS legislation, codes of practice or guidelines; - where appropriate, alignment with international best practices that are adopted in codes.

Project or program Please specify if this proposal covers a single project or multiple projects. If a program of work is proposed that covers multiple projects, please include details of each project in Appendix B.	Single Project
Project type Please indicate whether the project is a new document, amendment, revision or other. If other, please specify. If applicable, please provide the existing Australian or International Standard number and full title of the standard (e.g. AS, AS/NZS, ISO, IEC or other).	Revision
Product type Please indicate whether the output of this project is to be a Standard, handbook, or other type of document.	*Standard*
Committee Are you aware of an Australian or International technical committee working in this field? Please provide details, including any related committees that may be affected by this proposal.	ME-005-15
Scale of proposed work Please indicate the size/complexity rating of the proposed project/program, taking account of the size of the document, changes required, expected level of comment etc. For further information, please refer to Appendix C to this form.	Please select one of: • Medium

Sector Please delete any non-relevant sectors. Select one or more from:	• Building and Construction
Relationship to legislation If the document is referenced in legislation in Australia (or New Zealand for joint documents), please provide details here. If so, is this as a primary or secondary reference? ***Note: If this Standard is a primary or secondary reference in the National Construction Code, please refer to the Protocol for the development of National Construction Code referenced documents available at: http://www.abcb.gov.au***	AS 2550.15 has a practical relationship to National and State WHS legislation, though is not directly referenced in it. The standard refers to the "Person Conducting a Business or Undertaking" (PCBU) onus of maintenance in the: - WHS Act & Regulation 2011 - WHS (Construction Work Code of Practice) 2012 - WHS (Hazardous Manual Tasks) Code of Practice 2011 - WHS (Managing Risks of Plant in the Workplace Code of Practice) 2012
Conformity assessment Does this proposal include any conformity assessment requirements? ***Note: If conformity assessment requirements are being considered for inclusion, please note that an additional miscellaneous publication will be required, and should be included as a separate project item in Appendix B – conformity assessment requirements are not included in Australian Standards. Please see SG-006 Rules for the structure and drafting of Australian Standards for further information.***	The proposed draft will not include conformity assessment requirements. It is noted that previous sub-committee drafts have included requirements which could potentially trigger technical barriers to trade implications, and these will not be included in the proposed revision. This project will not impose unrealistic cost burdens for the manufacture, importation and distribution of concrete placing equipment.

2. Summary and Demonstration of Net Benefit

All Australian Standards developed by Standards Australia must demonstrate a Net Benefit, i.e. the Standard must have an overall positive benefit to the Australian community. All proposals for new work must describe a clear need for a Standards solution and the anticipated Net Benefit in the form of a Net Benefit case. Further guidance is available within the Standards Australia Guide to Net Benefit.

Note: Where a more detailed Net Benefit case is required, this may be attached separately.

Need for the proposed work Please identify and provide evidence of the problem to be addressed, the goals and objectives of the proposed Standard(s), and demonstrate that it is justified and implementation is likely.	AS 2550.15—1994 is over 20 years old, out-of-date and requires a range of changes as described in the project scope.
Alignment with national public policy Please identify and describe how your proposal fits with issues of current national or public policy interest.	This project proposal aligns well with current national policy to streamline, reduce and adopt a nationally consistent approach to the safe use of concrete placing equipment, thus addressing the current jurisdictional dislocation.
Net Benefit Please explain any potential positive and negative impacts, and where possible quantify the costs and benefits, of the proposed Standard(s) on different communities of interest in the following areas:	• **Public Health and Safety** The proposed review has no impact on public health, but is directly related to the safe use and operation of concrete placing equipment. The review is intended to address safe practices in regard to the use and operation of concrete placing equipment. Based on publically available data in the past 10 years there has been 13 workplace incidents resulting in 6 fatalities tragically related to the operation and safe use of concrete placing equipment. For example in one case coroner hearings are ongoing and subject to court proceedings. In this case the police investigator's recommendations to coronial inquest in 2013 were: A *review be conducted into the Australian Standards requirement of six yearly services of concrete placing booms. Australia is believed to be the only country with this requirement. This accident may not have occurred if the concrete pump had not been required to be completely stripped down as per these standards*.

- **Social and Community Impact**

The proposed review addresses the safe use and operation of concrete placing equipment used in the supply of concrete to customers who typically work in the Building and Construction segment of the economy. The review will have tangible but very indirect impacts on the community and society. The efficient and effective delivery of concrete minimises the costs of construction of structures in the built environment. These costs would inevitably flow onto the whole community as higher product costs, rates and taxes. Through appropriate maintenance regimes, coupled with conformity requirements matched with risk based assessments, the project can lead to reduced incidents and fatalities when operating concrete placing equipment.

- **Competition**

Concrete placing equipment is both imported and partly manufactured in Australia. It is not expected that the proposed review will have any impact, either positive or negative, on competition or trade. However the committee will consider how the standard can be aligned with other regional and national standards (e.g. EU standards or ANSI or BSI documents) in order that Australia benefits from overseas research. Improving competition through a nationally consistent Standard and addressing possible Technical Barriers to Trade (TBT) for the importation and use of concrete placing equipment will be addressed.

- **Economic Impact**

The concrete pumping industry accounts for approximately 1,300 concrete pumping related businesses operating around Australia, responsible for providing time critical, dependable and safe concrete placing ability to both major and minor infrastructure. The industry directly employs some 12,000 people operating invested capital of $3.5 billion to pump materials (e.g. concrete) each year. In Australia, the concrete pumping

	industry contributes $1.5 billion of revenues into the economy and is an integral part of the construction industry contribution of $11.7 billion to GDP. Adopting a performance based approach on a maintenance regime, which more accurately reflects the different modes of operation and failure risk (i.e. commercial vs residential) of concrete placing equipment is a primary objective for the review. The goal being to increase cost competitiveness and industry productivity, without impairing safety.

3. Harmonisation and Alignment

Related documentation Please research and list any known industry, domestic, regional, other national or international standards, guides, codes and research related to the proposal.	• DIN EN 12001; • VDMA - CONCRETE PUMP Industry Standards SHB-VDMA-Rev09_EN [2012]; • ASME B30.27; • American Concrete Pumping Association -Safety Manual for Ready Mixed Concrete Truck Drivers delivering to concrete pumps & crane lift buckets [2005]; • NZ Good Practice Guide Pumping Concrete [2011]; • British Concrete Pumping Group CoP for the Safe use of Concrete Pumps [2005]; • QLD Concrete Pumping CoP [2005] • VIC Concrete Pumping Industry Standard [2004] • NSW Concrete Pumping CoP [1994] – *withdrawn* • WA Concrete Pumping Guide [2012] • SA- Civil Construction Safety Guides Concrete Pumps 18 • Individual manufacturers preventative operation & maintenance manuals (SCHWING, PUTZMEISTER, SANY, WAITZINGER, ELBA, LIEBHERR)
Avoidance of duplication How will the proposed document relate to any of the existing material listed above? Please address any apparent or actual duplication between the existing material and the proposed document(s).	

Alignment with International Standards If there is an existing International Standard that covers the scope of this proposal, but is not being adopted, please clarify this position.	The project will be seeking better international alignment, whilst giving due recognition for the plant currently utilised across Australia.

4. Pathway for Standards Development

Preferred development pathway Please select one. If Other, please provide details of discussions with Standards Australia.	• Standards Australia Resourced	
Committee capability and capacity If there is an existing Standards Australia committee working in this field, please specify their capability and capacity to take on additional projects relating to this proposal, particularly relating to programs of work described at Appendix B.	ME-005-15 currently manages AS 2550.15, but please refer to notes under Section 6, below.	
Standards Australia process to be funded by Please select one.	• Standards Australia	If other, provide the name(s) of the parties who will provide funding for this proposed work.

Note: For information on the various standards development pathways refer to:
http://www.standards.org.au/DevelopingStandards/Developmentpathways.aspx

5. Stakeholder Support

Consultation process Provide details on the consultation process undertaken in development of this proposal, including identified stakeholder groups and the outcomes. Please complete Appendix A and provide evidence of stakeholder support.	For more than five years, ME-005-15 has been working on the revision on AS 2550.15. Over the course of 2014, the Concrete Pumping Association of Australia made a series of amendments to achieve greater alignment with international best practice. However, no agreement on key elements could be made. Standards Australia facilitated a forum on 4 August 2015 to identify all relevant stakeholder groups and reach agreement on the scope of this proposal. Appendix A lists the organisations that were invited to attend the forum. All members of ME-005 and ME-005-15 were also invited.

6. Risks and Dependencies

Risks Are there any key risks that you know of that may impact this project? *Note: Project risk does **not** include Standards*	The stakeholders involved must represent a wide range of sector interests and be focused on concrete placing equipment. It is suggested that a new Technical

Australia failing to approve this proposal.	Committee be formed to manage standards development work associated with concrete placement equipment.
Dependencies Are there any fundamental dependencies on this e.g. changes to legislation, publication or revision of a related Standard or the need to publish concurrently with an Australian or International Standard?	None identified
Indicative timelines Taking into account the risks and dependencies identified above, and an average publication cycle of 12 months, please provide estimates of the duration of key project stages.	Estimated time to complete draft for public comment from project initiation: 18 months Estimated time to publication from project initiation: 24 months

7. Additional Information

Comments Please provide comments (if any) which support this proposal or assist its consideration.	
Supporting documentation Please list (and attach) any information that supports this proposal or assists its consideration. If a working draft of the proposed document is available, please attach to this proposal.	
Funding declaration Are you aware of any direct or indirect funding for this proposed work, other than employer support to attend and participate in meetings?	None

8. Declaration

Please check your proposal is complete, read and complete the declaration, then forward this proposal and any attached documents to Standards Australia at mail@standards.org.au. The named proponent is deemed to have approved the information contained within this proposal and this declaration. This is required prior to formal consideration of this proposal.

The information provided in this application is complete, true and accurate to the best of my knowledge. I believe the proposed Standard will result in Net Benefit* to Australia. I understand the requirements associated with the Standards development pathway selected. I have consulted with, and have the support of, national organisations with a relevant interest in this project.	
Name of Proponent	Craig Heidrich
Name of Nominating Organisation representative (if supported by a suitable national organisation)	Concrete Pumping Association of Australia
Date	

** As defined in Standard Australia's Guide to Net Benefit.*

Appendix A: Stakeholder Consultation

Please identify the relevant Australian stakeholder organisations which have been consulted or which may have an interest in this proposal. All categories of stakeholders should be considered for consultation and participation, but all are not required. Evidence of consultation and stakeholder responses **must** be provided (organisation/company emails or letterhead only). If the proposal includes new or revised joint Australia/New Zealand Standards, Standards Australia will contact Standards New Zealand to ensure appropriate consultation with New Zealand stakeholders.

Key stakeholder groups	Organisation Name	Contact name	Position	Email	Do they agree with this proposal (Y/N)?
Research and academic organisations					
Consumer interests					
Government organisations	DFAT	Richard Emerson-Elliott	SA Primary contact		TBA
	Safe Work Australia	Yvonne Noordhuis	SA Primary contact		TBA
	National Heavy Vehicle Regulator	(1) Daniel Elkins, (2) Matthew Bereni	(1) SA Primary contact, (2) TBC		TBA
	AustRoads	Nick Koukoulas	CEO		TBA
Regulatory and controlling bodies					
Technical associations	Australian Steel Institute	(1) Don Macdonald, (2) Peter Kay	(1) CEO, (2) National Technical Development Manager		TBA
Professional associations	Concrete Institute of Australia	David Millar	Executive Director		TBA
	IEAust	Fiona Kethal	SA Primary contact		TBA
	IAME	Samantha Condon	SA Primary contact		TBA

Manufacturers' associations	Concrete Pumping Association of Australia (*representing manufacturers/distributors and operators*)	Craig Heidrich	CEO		TBA
Suppliers' associations					
User and purchasing bodies					
Testing bodies	Australian Institute for Non-Destructive Testing	Les Dick	CEO		TBA
Auditing bodies					
Certification bodies					
Employer representative bodies	Crane Industry Council of Australia	Brandon Hitch	CEO		TBA
	Cement Concrete Aggregates Australia	Ken Slattery	CEO		TBA
	Master Builders Association	(1) Brent Davies, (2) John Darcy	(1) National Director - Industry Policy, (2) TBC		TBA
	Australian Constructors Association	Lindsay Le Compte	CEO		TBA
Unions and employee associations	CMFEU	Michael Preston	NSW Health & Safety Coordinator		TBA
Independent					
New Zealand	NZ Concrete Pumping Association	TBA	TBA		TBA

Appendix B: Details of projects within a proposed program of work

Where a program has been specified in Section 2, please provide details of projects in order of priority for development. If preferred, details can be provided in a separate file and attached to this proposal.

Priority	*Title*	*Committee*	*Pathway*	*Designation*	*Complexity Rating*	*Project type*	*Product type*	*Brief project scope and dependencies*
e.g.	*Information Technology – Personal Computers – Hard Drives*	*AB-123*	*Committee Driven*	*AS/ISO 1234*	*Small*	*Revision*	*Standard*	*Adoption of ISO 1234 as an Australian Standard. This Standard relies on the publication of AS1233.*
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								

Appendix C: Project Complexity Matrix

- Use this matrix to complete an initial assessment of project complexity.
- For each question, review the criteria and enter the appropriate Rating (1 to 5) for the project in the far right column.

#	Factor	Rating Number					
		1	2	3	4	5	Rating
1	What is the anticipated duration of the project?	< 3 months	3 - 6 months	6 - 24 months	2 - 3 years	> 3 years	3
2	What overall level of risk (technical risk, political risk and consensus risk) is associated with the project in the context of the committee?	Very Low	Low	Moderate	High	Very High	4
3	What level of overall technical complexity does the project have?	Very Low	Low	Moderate	High	Very High	3
4	What is the size of (the change to) the standard or the consensus document?	1-2 pages	2 - 20 pages	20-100 pages	100 - 300 pages	>300 pages	2
5	What is the expected level of public comment/adverse reaction to the project?	Very Low	Low	Moderate	High	Very High	2
					TOTAL		**14**
					COMPLEXITY RATING		**Medium**

Complexity Rating

*If the total is **5,** apply the **Simple Complexity rating.***

*If the total is **6 to 10,** apply the **Small Complexity rating.***

*If the total is **11 to 15,** apply the **Medium Complexity rating.***

*If the total is **16 to 20,** apply the **Large Complexity rating.***

*If the total is **21 to 25,** apply the **Complex Complexity rating.***

Project Complexity Examples

Simple - Adoption, endorsement of an ISO standard with high consensus.

Small - Technical report with low complexity, low risk and low profile.

Medium - New standard or revision with moderate complexity and risk.

Large - New standard or revision with high complexity and risk.

Complex - New standard or revision with very high complexity, profile, risk and major references in legislation e.g. Wiring Rules Standard