



Proposal Form for Standards Development Projects

Version: 2.0
Issued: March 2010

GUIDANCE

How do I use this form?

- Use the Tab key to move to the next field and Shift+Tab to go back to the previous field.
- Guidance has been provided within free text fields - delete this information before typing your input.
- Additional documents (such as Net Benefit case or details of program of work) can be attached to the completed proposal on submission.

What information do I need to provide?

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

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).

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.

PROPOSAL FORM FOR STANDARDS DEVELOPMENT PROJECTS

Proposal Reference Number	<i>Standards Australia to Complete</i>
---------------------------	--

1. Proponent Details

Your name	Phil Wilkinson
Position	Engineering Manager and Business Development
Name of employer	Australian Institute of Refrigeration Airconditioning and heating (AIRAH)
Name of nominating organisation	Australian Institute of Refrigeration Airconditioning and heating (AIRAH)
Address	Level 3 / 1 Elizabeth Street
Suburb	Melbourne
State	VIC
Postcode	3000
Phone number	03 8623 3010
Fax number	03 9614 8949
Mobile number	NA
Email address	phil@airah.org.au
Web address	www.airah.org.au

2. Proposal Details

Proposal title	Revise AS/NZS 1668.1 - 1998	
Proposal summary	This proposal relates to the revision of AS/NZS 1668.1 to reflect the publication of revised Australian Standards for fire and smoke dampers (AS 1682, parts 1 and 2) and includes a detailed editorial review and the inclusion of some additional commentary material to clarify some minor misunderstandings with its application by industry.	
Project or program	Project	<i>If program, include details in Appendix A.</i>
Project type	Revision	
Product type	Standard	
Scale of proposed work	Small	
Sector	4 Building and Construction	
Existing Standard or other SA product	AS/NZS 1668.1-1998	
Application	Australia New Zealand	
Performance-based or prescriptive	Prescriptive	
Relationship to legislation	<i>Is/will this Standard be referenced in legislation?</i>	Yes
	<i>If yes, is this as a primary or secondary reference?</i>	Primary

Details of legislation

Building Code of Australia (BCA) Volume One (Class 2 to Class 9 buildings)

3. 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 [SA Guide to Net Benefit](#).

<i>Need for the proposed work</i>	<p>The incorrect application and installation of fire and smoke dampers has been identified as a serious safety concern within the Australian building stock. This is considered so significant a concern that both the Australian Mechanical Contractors Association (AMCA) and the Australian Institute of Refrigeration Airconditioning and Heating (AIRAH) have developed and delivered training courses on the topic.</p> <p>AS/NZS 1668.1 contains specific product and test requirements for fire and smoke dampers. These requirements were included in AS/NZS 1668 as an interim solution due to the fact that AS 1682 did not cover "intumescent" type fire dampers or smoke dampers (both used in smoke control systems). Once the AS 1682 standards have been revised (a current SA project) AS/NZS 1668.1 must also be revised to refer directly to the product standard. This revision should also include some editorial additions to clarify some of the standard requirements that have been misinterpreted by industry. Any standard over 10 years old that is directly referenced in Building Regulations should be automatically reviewed in any case.</p>
<i>Summary scope of proposed work</i>	<p><i>Scope of Standard(s)</i></p> <ul style="list-style-type: none"> The scope of this proposal is an editorial/minor technical update of the Australian Standard for smoke control systems in multi-compartment buildings AS/NZS 1668.1 <p><i>Exclusions</i></p> <ul style="list-style-type: none"> Exclude smoke control in large compartments (AS/NZS 1668.3)
<i>Alignment with national public policy</i>	<p>Clarifying the requirements for the application and installation of fire and smoke dampers within AS/NZS 1668.1 will assist the adoption of the revised AS 1682 standards into current building practice and help to clarify the requirements of the deemed to satisfy provisions of the BCA with regard to the application of fire and smoke dampers within buildings.</p>
<i>Net Benefit</i>	<p>The following impacts, costs and benefits associated with this proposal have been identified;</p> <ul style="list-style-type: none"> <i>Public Health and Safety</i> <p>The subject matter of this proposal refers to the correct selection and installation of fire and smoke dampers for smoke control within multi-compartment buildings.</p>

	<p>These products are essential safety equipment that reduce the spread of fire and smoke through HVAC ductwork and openings in a building. Fire and smoke dampers are essential safety measures as defined in the BCA and any improvement in the related standards and regulations will lead to improved installations, less failures and non-conforming systems and ultimately safer buildings and improved public health and safety.</p> <ul style="list-style-type: none"> • <i>Social and Community Impact</i> Society expects that building regulations and Australian Standards are correctly applied to make buildings safe. This is facilitated if regulations and standards are clear and consistent in their requirements. This proposal seeks to improve the clarity and consistency of the requirements for fire and smoke dampers in multi-compartment buildings • <i>Environmental Impact</i> None identified • <i>Competition</i> Different interpretations of the current requirements are being made by different manufacturers and suppliers, which may be affecting free and fair competition within the industry. • <i>Economic Impact</i> Improving the clarity and consistency of the requirements for fire and smoke dampers in multi-compartment buildings will reduce compliance costs and remove the far greater costs of rectifying non-compliance.
<i>Market Failure</i>	The market failure is that the existing Australian Standards for fire dampers do not address intumescent dampers or smoke dampers. Because of this AS/NZS 1668.1, a system design standard, contains product and test requirements for these products which should be addressed within AS 1682.
<i>Summary and conclusion</i>	The revision of AS/NZS 1668.1-1998 will support the application of new product and installation standards for fire and smoke dampers, clarify several specific areas of the standard for industry and ensure that the validity and currency of the standard is confirmed for its continued suitability for reference in building Legislation.

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

4. Harmonisation and Alignment

<i>Related documentation</i>	AS 1682.1 and AS 1682.2 (1990), DR04325/6, AS/NZS 1668.1-1998
<i>Alignment and avoidance of duplication</i>	Once AS 1682.1/.2 have been revised the duplicated requirements (for smoke dampers and intumescent fire dampers) should be removed from AS/NZS 1668.1 in favour of a direct reference to the fire/smoke damper product standards.

5. Pathway for Standards Development

<i>Preferred development pathway</i>	Standards Australia driven*	.
<i>To be funded by</i>	Standards Australia*	

**Note: The Standards Australia driven pathway is only open for those proposals seeking prioritisation by SA for project resources.*

6. Requests for Standards Australia resourcing (Leave blank if not applicable)

<i>Funding declaration</i>	Not aware of any direct or indirect funding available for this project.
<i>Validation for SA resourcing</i>	<p>Not only will this project clarify areas of ambiguity in an existing Australian Standard but it will also be consistent with Standards Australian policy that BCA primary referenced standards are reviewed (and confirmed or revised) after five years. It is in the interests of SA to keep these standards valid and up to date.</p> <p>The proposal to revise AS/NZS 1668.1 for this purpose was endorsed by the Fire Standards Coordinating Group (FSCG) at a meeting in February 2010.</p> <p>The technical subcommittee ME-062-02 responsible for the standard also supported the revision/update of the standard at their last meeting.</p>

8. Risks and Dependencies

<i>Risks</i>	<p>The primary risk to this project is a delay in the revision of AS 1682.1 and AS 1682.2. These standards are currently being revised by SA.</p> <p>The risk is that this would, in turn, delay the revision of AS/NZS 1668.1.</p> <p>The strategy to avoid this risk is for Standards Australia to assign the revision of AS 1682.1/.2, which are existing SA projects, with the highest priority.</p>
<i>Dependencies</i>	This project is dependent on the revision of AS 1682.1 and AS 1682.2
<i>Indicative timelines</i>	<p><i>Estimated time to complete draft for public comment</i> . 3 months after revision AS 1682.1/.2</p> <p><i>Estimated time to publication</i> . 6 months after close of public comment period</p>

Note: Identified risks should pertain to the proposed program/project and any threat to a successful outcome, not to the risk of the proposal not being approved. This should follow a risk assessment process that is consistent with AS/NZS ISO 31000:2009.

9. Additional Information

<i>Comments</i>	
<i>Supporting documentation</i>	Full list of responses from the AIRAH Industry Survey for this project proposal is attached.

10. Declaration

Please read and complete the declaration, then forward this proposal and your 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 constitutes this declaration. This is required prior to formal consideration of this proposal.

The information provided in this application is true and accurate to the best of my knowledge. I believe the proposed Standard will result in Net Benefit* to Australia.	
<i>Name of Proponent</i>	Phil Wilkinson
<i>Date</i>	

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

Appendix A: Details of activities within the 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.

<i>Priority</i>	<i>Title</i>	<i>Committee</i>	<i>Pathway</i>	<i>Designation</i>	<i>Scale of project</i>	<i>Project type</i>	<i>Product type</i>	<i>Comment</i>
<i>e.g.</i>	<i>Revision of Standard for XXXXXX</i>	<i>AB-123</i>	<i>Collaborative</i>	<i>AS 1234:2009</i>	<i>Small</i>	<i>Revision</i>	<i>Standard</i>	<i>Updating 5-6 obsolete references in Standard.</i>
1			Please Select		Please Select	Please Select	Please Select	
2			Please Select		Please Select	Please Select	Please Select	
3			Please Select		Please Select	Please Select	Please Select	
4			Please Select		Please Select	Please Select	Please Select	
5			Please Select		Please Select	Please Select	Please Select	
6			Please Select		Please Select	Please Select	Please Select	
7			Please Select		Please Select	Please Select	Please Select	
8			Please Select		Please Select	Please Select	Please Select	
9			Please Select		Please Select	Please Select	Please Select	
10			Please Select		Please Select	Please Select	Please Select	
11			Please Select		Please Select	Please Select	Please Select	
12			Please Select		Please Select	Please Select	Please Select	
13			Please Select		Please Select	Please Select	Please Select	
14			Please Select		Please Select	Please Select	Please Select	
15			Please Select		Please Select	Please Select	Please Select	