



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 *Standards Australia to Complete*

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	Revision of AS/NZS 3666.3 - 2000	
Proposal summary	This project proposes a review and update of AS/NZS 3666.3 and includes a proposal to include additional requirements for developing risk management plans, risk assessment and risk classification into the Standard to support the current monitoring and test procedures specified.	
Project or program	Project	<i>If program, include details in Appendix A.</i>
Project type	Revision	
Product type	Please Select	
Scale of proposed work	Medium	The project includes a review of the requirements of the current standard and the development of new material to address the application of risk management plans to cooling water systems. This material would be similar to that developed to apply to power station cooling tower systems
Sector	4 Building and Construction	Also impacts on health and community services
Existing Standard or other SA product	AS/NZS 3666.3	
Application	Australia New Zealand	

<i>Performance-based or prescriptive</i>	Performance-based	
<i>Relationship to legislation</i>	<i>Is/will this Standard be referenced in legislation?</i>	Yes
	<i>If yes, is this as a primary or secondary reference?</i>	Primary
<i>Details of legislation</i>	<p>AS/NZS 3666.3 is recognised as an acceptable alternative to the mandated AS/NZS 3666.2 in many jurisdictions.</p> <p>Referring legislation includes:</p> <p>Public and Environmental Health (Legionella) regulations 2008 (SA)</p> <p>Workplace Health and Safety Regulation 2008 (QLD)</p> <p>Public Health (Microbial Control) regulation 2000 (NSW)</p> <p>Public Health Act 1997 (ACT)</p> <p>Public Health and Wellbeing Regulations 2008 (VIC)</p> <p>The Health (Air Handling and Water Systems) Regulations (WA)</p>	

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>As well as reviewing and updating this 10 year old standard this proposal relates to the development of new material to address the application of risk management plans to cooling water systems. This material would be similar to that developed to apply to power station cooling tower systems in AS 5059 but with changes to apply to building and process cooling tower systems.</p>
<i>Summary scope of proposed work</i>	<p><i>Scope of Standard(s)</i></p> <ul style="list-style-type: none"> Outlines a performance-based approach to the maintenance of cooling water systems combining water treatment monitoring, assessment and control strategies with risk assessment, classification, management and planning to help create a low (health) risk microbial environment within the cooling water system. This approach is an alternative to the prescriptive requirements of AS/NZS 3666.2 for the maintenance of cooling water systems. <p><i>Exclusions</i></p> <ul style="list-style-type: none"> Air-handling systems
<i>Alignment with national public policy</i>	<p>The regulation of cooling water systems is common in Australia with Federal and State regulations often requiring that such systems comply with the operation and maintenance requirements of AS/NZS 3666.2. AS/NZS 3666.3 is offered as a performance based alternative to these requirements and is also often referenced by the regulations but always in conjunction with a risk management plan. Including requirements for risk assessment, classification, management and</p>

	<p>planning within the standard will make the standard more consistent with national public policy and regulations.</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> Including requirements for risk assessment, classification, management and planning within the standard will make the standard more consistent with existing regulations and should improve application and compliance with the performance based approach. Improved application of these techniques and technologies will improve public health and safety outcomes by reducing the incidence of cooling water contamination and reducing the exposure of the public to legionella and other health risks. • <i>Social and Community Impact</i> Society and the Australian community have high expectations of safety standards, particularly in regards to the control or minimisation of Legionnaires disease. Society expects these risks to be well managed and minimised. The inappropriate application of risk management principles to cooling water systems can lead to disease outbreaks and associated social and community outrage and impacts. This project will ensure that appropriate risk management techniques are applied to those systems where the performance based maintenance option is practiced. • <i>Environmental Impact</i> The higher levels and standards of maintenance achieved by following the performance based approach ensures that equipment is operating efficiently which in turn reduces the energy, water and chemical consumption associated with cooling water systems. Reducing these inputs reduces the impacts these systems have on the environment. • <i>Competition</i> No impacts on competition have been identified for this proposal. • <i>Economic Impact</i> The economic savings derived from implementing AS/NZS 3666.3 complaint maintenance programs have been well established. Broadening the application of AS/NZS 3666.3 will improve its usage and increase its application within the industry, providing potential for increased savings and economic benefits in this area.
<i>Market Failure</i>	<p>No market failure has been identified.</p>
<i>Summary and conclusion</i>	<p>This proposal will ensure that the AS/NZS 3666.3 standard and its associated methodology is consistent with best practice in the fields of both microbial control and risk management.</p>

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

4. Harmonisation and Alignment

<i>Related documentation</i>	AS/NZS 3666.3 is a world first in its approach to regulated microbial control of cooling water systems and has yet to be duplicated in International standardisation. Australia leads the world in standards development in this field.
<i>Alignment and avoidance of duplication</i>	No duplication identified.

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 funding available.
<i>Validation for SA resourcing</i>	This project should be considered by Standards Australia as part of its prioritisation process because this standard is 10 years old and needs review or reconfirmation in accordance with SA policy. This review can take the opportunity to include new information on risk assessment, classification, management and planning to ensure that the standard and the approach outlined remains relevant to the state regulators so that it can continue to be referenced in government regulations and guidelines.

8. Risks and Dependencies

<i>Risks</i>	No risks identified.
<i>Dependencies</i>	No dependencies identified
<i>Indicative timelines</i>	<i>Estimated time to complete draft for public comment</i> e.g. 6 months <i>Estimated time to publication</i> e.g. 18 months

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>
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