



E-Institute

Official Newsletter of IPA

Public Comment:

Of the many draft/amended standards and codes open for public comment at this time two are of extreme importance to plumbers and the wider plumbing industry:

WaterMark RIS:

This Consultation Regulation Impact Statement (RIS) is intended to provide stakeholders with a regulatory analysis of options to ensure that plumbing and drainage products are fit for the purpose for which they are intended. Stakeholders are invited to comment and provide feedback on any issue raised in this regulatory analysis, and are encouraged to provide information and data that would make the analysis more robust. In summary the purpose of this Consultation RIS is to inform stakeholders of the regulatory analysis and seek comments and information from them.

See below for the link to download the Consultation RIS and the important update.

Stakeholder comments, information and data are invited by 31 October 2014 and can be sent to the ABCB at abcb@inet.net.au

The IPA urges all plumbing stakeholders to read this document carefully both with your view(s) of the WaterMark Scheme but also note the numerous mentions of why the PCA and the WaterMark do not readily fit with the ABCB/NCC and the inference that the plumbing codes and standards be reduced in effectiveness to match the limited scope of the NCC rather than expand the NCC scope

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For your diary

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to adequately cover the risks associated with plumbing systems.

AS/NZS3500.4 Revision:

The main changes in this revision are around installation of solar water heaters and the long overdue introduction of velocity requirements for circulatory pipework. There continues to be a lot of discussion within Australia regarding the question of velocities and the interconnection between temperature, pressure and velocity especially in continuously circulating heated water systems. Many are quoting international standards with lower velocities when combined with elevated temperatures and pressure especially in metallic or mixed metallic / polymer systems. We are sure that Standards Australia will welcome input from plumbers and designers with firsthand knowledge of any problem areas.

Stephen Movley Hon.FIPA
Editor

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Consultation Regulation Impact Statement (RIS) - WaterMark

The Australian Building Codes Board invites stakeholders to comment on options to ensure that plumbing and drainage products are fit for purpose (a review of the WaterMark Scheme)

The RIS may be downloaded at <http://www.abcb.gov.au/consultation/regulation-impact-analysis/consultation-ris.aspx>

Also note an important update "Updated ongoing costs of WaterMark" available to download from the above link. This is an important update as it reduces the estimated ongoing costs by over 50%.

STATEMENT

13 October 2014

AS/NZS 3500.4, *Plumbing and Drainage, Part 4: Heated water services*

Standards Australia (SA) Technical Committee WS-14, *Plumbing and Drainage*, is currently revising AS/NZS 3500.4, *Plumbing and Drainage – Part 4: Heated water services*.

This Standard sets out the requirements for the design, installation and commissioning of heated water services using drinking water or rainwater or a combination thereof. It includes aspects of the installation from, and including, the valve(s) on the cold water inlet to any cold water storage tank or water heater and the downstream fixtures and fittings. It applies to new installations as well as alterations, additions and repairs to existing installations.

The revision includes the following main changes:

- (i) Reduction of the maximum water velocity for circulatory pipework;
- (ii) Revision to the installation requirements for solar water heaters including clarification of the requirements for the installation, orientation and inclination of collectors; and
- (iii) Alignment with the requirements of the Plumbing Code of Australia.

In accordance with Standards Australia's standards development process, the proposed draft revision of AS/NZS 3500.4 will be open for public comment for nine weeks starting Monday, 13 October 2014. The last day for public comment will be Monday, 15 December 2014.

All draft Standards for public comment and instructions on how to comment are listed at the following link:

<https://sapc.standards.org.au/sapc/public/listOpenCommentingPublication.action>

ENDS.

Removing borders for tradies

17 September 2014

New laws making it easier for certain licensed tradespeople to operate across State and territory borders have this afternoon passed by NSW Parliament.

NSW Fair Trading Minister, Matthew Mason-Cox, said the Mutual Recognition (Automatic Licensed Occupations Recognition) Bill 2014 supported border communities by reducing costs for small businesses and workers.

“In a major step forward to enhance mutual recognition of trades, NSW is the first state to introduce laws allowing certain tradespeople accredited in other states to practice in our state without the need for a NSW licence,” Mr Mason-Cox said.

“An occupational licence will be able to operate like a driver’s licence. A person who lives in another State and holds a recognised inter-state licence will be able to work in NSW. They will no longer need to hold a second licence in NSW.”

Mr Mason-Cox said the reforms would make life easier for tradespeople living in regional and border communities.

“Border communities are a single economy and our model considers the specific needs of these communities,” he said.

“The legislation helps the cross-border communities by removing paperwork and fees, and eliminating red tape for small businesses.

“States and territories, particularly on the east-coast, have consistently supported our efforts to achieving automatic mutual recognition of each other’s licencing and regulatory requirements.

“Queensland already recognises some NSW electrician’s licences under their Electrical Safety Act and regulations, allowing NSW electricians to work in Queensland without needing a further licence.

“The new law will allow NSW to reciprocate, and extend these arrangements to other trades.

“Consumer protection continues to be front and center of these reforms, which ensure that inter-state licensees are subject to the same rules as local licensees when they do work in NSW. For information on applying for or renewing a home building licence visit Fair Trading website.

“NSW Fair Trading will be able to take disciplinary and enforcement action against inter-state licensees who work in NSW, similar to the way that our Police can act against inter-state drivers who break road rules in NSW.”

The Mutual Recognition (Automatic Licensed Occupations Recognition) Bill 2014 will come into effect once Regulations have been prepared that will specify the particular occupational licences that will be recognised under the new law.

**Water, Sanitation, Hygiene and Health
Newsletter N° 182/ 23 September 2014**



Join us tomorrow at the **IWA Development Congress** for a workshop on Sanitation Safety Planning: An emerging framework for improved health. Wednesday 24th September 3:30-5:00pm Room 3C

Task Force Meeting Report online

In November 2012, JMP convened a second Task Force meeting on Monitoring of Drinking-Water Quality, to consider how improved measures of water quality and water system safety could be used to improve water safety in the post-2015 Sustainable Development Goal era. The Task Force endorsed the JMP classification of water supplies into Improved and Unimproved groups, and held that there is not currently evidence to support different classification schemes in urban and rural settings. The group recommended that global monitoring of drinking-water safety should expand beyond Improved and Unimproved facilities, and include both water quality testing (for *E. coli*, arsenic and fluoride), and measures of risk management, such as Water Safety Plans or Sanitary Inspections. This will require new approaches to data collection, as risk management measures are not easily captured in household surveys. The JMP was requested to develop a package of work to establish a framework for integrating data from traditional sources such as household surveys, with risk management or water quality information from other sources, such as water supply regulators. This system should be tested in 2014-15 in order to be operational in the post-2015 period.

The [full report](#) is available at the JMP website.

Watch the seminar at **Stockholm Water Week** on Sanitation Business Models for Safe Resource Recovery and Reuse (RRR)-[here](#)

The **UNC Water and Health Conference**, held each fall in Chapel Hill, North Carolina, is an important event bringing together researchers, policy makers, and practitioners from around the world. WHO is participating this year, from October 13-17 – please join us at the following sessions if you can.

Monday 13th October

- all day: Annual meeting of the International Household Water Treatment and Safe Storage Network
- morning: Post-2015 WASH Monitoring – Challenges and opportunities (JMP)
- afternoon: Targeting aid more effectively in the WASH Sector (GLAAS)

Tuesday 14th October

- morning: WHO International Scheme to evaluate household water treatment technologies
- morning: Proposed WHO Sanitation and Health Guidelines

Thursday 16th October

- afternoon: WASH in health care facilities in low-income countries

Friday 17th October

- all day: Antimicrobial resistance: an emerging health risk in the WASH context

Realising the human rights to water and sanitation: a handbook

Catarina de Albuquerque, the UN Special Rapporteur on the human right to safe drinking water and sanitation has published a handbook describing different aspects of the human rights to water and sanitation. The target audiences for this Handbook are governments at all levels, donors and national regulatory bodies. It provides information that will also be useful to other local,

regional and international stakeholders, including civil society, service providers and human rights organisations. The handbook is divided into nine booklets (Introduction, Frameworks, Financing, Services, Monitoring, Justice, Principles, Checklists, and Sources), and can be downloaded from the [Special Rapporteur's website](#).

Job vacancy: Senior Policy Analyst/Deputy Head of Policy

WaterAid, a leading NGO active in water, sanitation and hygiene globally and in numerous countries, is recruiting a Senior Policy Analyst, who will also serve as Deputy Head of Policy. The postholder will be responsible for leading WaterAid's programmatic and advocacy strategies to deliver on the Global Strategy Aim – to strengthen the capacity and effectiveness of the sector to deliver water and sanitation for all by 2030. Developing and informing WaterAid's strategic goals and activities is at the centre of the postholder's job description. A more detailed description is available from the [WaterAid website](#), applications are due by 3 October.

For your diary:

2nd Energy and Water Efficient Public Sector Buildings and Facilities Forum – 11 – 12 November 2014, Sydney

[2nd Energy and Water Forum](#)

2014 Joint Industry Plumbing Conference – 13-14 November 2014; Queensland

www.plumbingconference.com.au

New Shopping Cart makes it easier to purchase and download the E-Book

[Selection and Sizing of Copper Tubes for Water Piping Systems by Barrie Smith](#)

E-Book sales are now automated from 20 June 2014. Website address will remain as www.plumbing.org.au and follow the links to Technical Books through to the shopping cart and pay by PayPal or Credit Card for immediate download.

Companion Spreadsheet files utilising the E-Book are still freely available as an additional download when you complete your shopping cart journey.

Your input into this Newsletter and other IPA matters is always welcome and in fact sort after. If you are not already a member why not join and really help us provide a voice for plumbers and plumbing. Simply email the Secretary below.

Contact	Follow us
Comments on matters raised in E-INSTITUTE or suggestions for future issues are welcome and may be sent to the Editor at: The Institute of Plumbing Australia Inc. P O Box 2005 MARMION Western Australia 6020 FAX: 08 9448 0420 EMAIL: secretary@plumbing.org.au WEB: www.plumbing.org.au	 

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