



E-Institute

Official Newsletter of IPA

In the past few issues we have had a bit to say about Australian Plumbing Standards, in particular the revision/inclusion of provisions for Forced Circulation Heated Water Services and now it is pleasing to see all four parts of the Plumbing and drainage installation Standard published as 2018 versions. *See below.* In some Australian States the regulations will automatically reference the latest (2018) version of a Standard and others will wait for the adoption of the 2019 NCC but in terms of large projects that is not too far away.

Going beyond the minimum standards there have been several Seminars/Presentations around Australia detailing just what is happening inside our water pipes when we heat it, pump it and stop it. This awareness has increased interest around the need for research and development of texts to inform the plumbing engineering principles required to design and install forced circulation plumbing water systems that at least meet or exceed the new minimum standards and codes.

If you are interested in supporting this industry initiative as we progress to an industry steering committee, project plan, research and development please provide your email contact to secretary@plumbing.org.au and we will keep you informed.



Guidelines for Drinking-water Quality, 4th edition

Incorporating the first addendum is now available in Spanish.

http://www.who.int/water_sanitation_health/publications/drinking-water-quality-guidelines-4-including-1st-addendum/es/

WHO Bulletin article: No end to cholera without basic water, sanitation and hygiene

<http://dx.doi.org/10.2471/BLT.18.213678>

World Health Assembly Resolution on Cholera prevention and control approved

A resolution on cholera prevention and control was formally approved by Member States at WHA71. The resolution calls for addressing the social and environmental determinants of cholera, developing and implementing a multisectoral package of effective interventions in affected countries, strengthening surveillance and national coordination and establishing national targets. To read the resolution, visit: http://apps.who.int/gb/ebwha/pdf_files/WHA71/A71_ACONF3Rev1-en.pdf.

Seeking occurrence data on chlorate in drinking-water when hypochlorite is used as a drinking-water disinfectant.

Feedback is requested by 15 July 2018. For more information, visit: http://www.who.int/water_sanitation_health/water-quality/guidelines/chemicals/request-for-data-on-chlorate-in-dw/en/

Seeking feedback on the WHO Guidelines for Drinking-water Quality (GDWQ) chemical background documents

As part of the development of the second addendum to the fourth edition of the GDWQ, WHO is revising the chemical background documents for tetrachloroethene and trichloroethene, which are ready for review.

Feedback is requested by 19 July 2018. For more information, visit: http://www.who.int/water_sanitation_health/water-quality/guidelines/chemicals/tetrachloroethene/en/
http://www.who.int/water_sanitation_health/water-quality/guidelines/chemicals/trichloroethene/en/

Please forward this email on to anyone who may be interested in its contents.

Check out the new website of the WHO WASH unit www.who.int/water_sanitation_health
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To subscribe please include the text "subscribe WATERSANITATION" in the body of your email message.
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And from an earlier WASH Newsletter:

Alternative drinking-water disinfectants: Bromine, iodine and silver

This series reviews the state of the knowledge on the application, efficacy and toxicity of bromine, iodine and silver as drinking-water disinfectants. To download the document: please visit: http://www.who.int/water_sanitation_health/publications/alternative-disinfectants/en/

Publication of A global overview of national regulations and standards for drinking-water quality

This global review compiles information on values specified in national drinking-water quality standards for aesthetic, chemical, microbiological and radiological parameters from over 100 countries and territories to enable regulators and other key stakeholders to access and compare data when setting or revising national standards. To download the publication, please visit:

http://www.who.int/water_sanitation_health/publications/national-regulations-and-standards-for-drinking-water-quality/en/

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Australian Government

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THE NEWS IN REVIEW

Five states and territories have signed the National Partnership on the Skilling Australians Fund

Jun 14, 2018

The jurisdictions are South Australia, New South Wales, the ACT, the Northern Territory and Tasmania. The Australian Government will provide an estimated \$1.5 billion through the SAF for vocational education and training (VET) programs around the country, with the goal of creating up to 300,000 additional apprenticeships and traineeships.

More information about SAF can be found [here](#) and at the Assistant Ministers' [media centre](#).

Worldskills Australia reveals full medal results for the 2018 National Championships

Jun 12, 2018

Worldskills Australia has revealed the full medal results for the 2018 National Championships. [Read more.](#)

Seafood & Aquaculture Projects: Register for Consultation Workshops

Jun 7, 2018

A series of face-to-face consultation workshops are planned for the two seafood and aquaculture industry projects. [Read more.](#)

National consultation forums for major maritime project

Jun 7, 2018

The Maritime Industry Reference Committee is commencing Phase Three of the MAR Maritime Training Package Project. [Read more.](#)

Industry leaders reappointed to Australian Industry and Skills Committee

Jun 6, 2018

Assistant Minister for Vocational Education and Skills, Karen Andrews MP, announced the reappointment of business leader, John Pollaers, as Chair of the Australian Industry and Skills Committee (AISC). [Read more.](#)

New figures show increased uptake in Apprenticeships

Jun 5, 2018

A growing number of people are commencing vocational education and training according to new data released by the National Centre for Vocational Education Research (NCVER), with 35,945 trade and non-trade commencements in the December 2017 quarter. [Read more.](#)

National Industry Insights Report forecasts skills priorities

Jun 4, 2018

The Australian Industry and Skills Committee (AISC) recently launched a new online resource to help ensure vocational education and training (VET) qualifications and skills are evidence based and meeting the needs of industry. [Read more.](#)

The National Student Outcomes Survey has commenced – Calling for RTOs to promote the survey to students

May 29, 2018

The National Student Outcomes Survey, Australia's largest survey of vocational education and training (VET) students, has expanded again, and this year NCVER will contact over 800,000 people who completed training in 2017 to participate in the survey. [Read more.](#)

Celebrating 20 years of support for Australian Apprenticeships

May 30, 2018

Last month marks 20 years of Australian Government support for apprenticeships. [Read more.](#)

UPCOMING EVENTS

Western Sydney Careers Expo

Jun 28- Jul 1, 2018

Western Sydney Careers Expo celebrates its 8th year in 2018. [Read more.](#)

The 2018 VET in Schools Forum

Jul 2, 2018

The Hills Parramatta Region of the ACE has again collaborated with The Teachers' Guild of NSW and MWLP (Work Placement Provider) to present the cross-sectoral 2018 VET in Schools Forum – following the much appreciated 2017 Forum – to be held at Trinity Grammar School, Summer Hill, in the last week of Term 2. [Read more.](#)

Industry Skills Forum 2018

Aug, 2018

AIS is kicking off a series of industry skills forums across the country to explore current and future skill needs. [Read more.](#)

Find information about upcoming VET related events, including conferences, career expos, workshops and other activities by visiting the [My Skills Calendar of Events.](#)

Standards Australia:

Plumbing standards published 29 June 2018: click on the Standard to purchase from SAI Global

- [AS/NZS 3500.1:2018](#), *Plumbing and drainage* Part 1: Water services
- [AS/NZS 3500.2:2018](#), *Plumbing and drainage* Part 2: Sanitary plumbing and drainage
- [AS/NZS 3500.3:2018](#), *Plumbing and drainage* Part 3: Stormwater drainage
- [AS/NZS 3500.4:2018](#), *Plumbing and drainage* Part 4: Heated water services

A revised product standard has also been published:

AS/NZS 4020:2018, *Testing of products for use in contact with drinking water.*

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Selection and Sizing of Copper Tubes for Water Piping Systems by Barrie Smith

Only available as an E-Book from www.plumbing.org.au simply 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.

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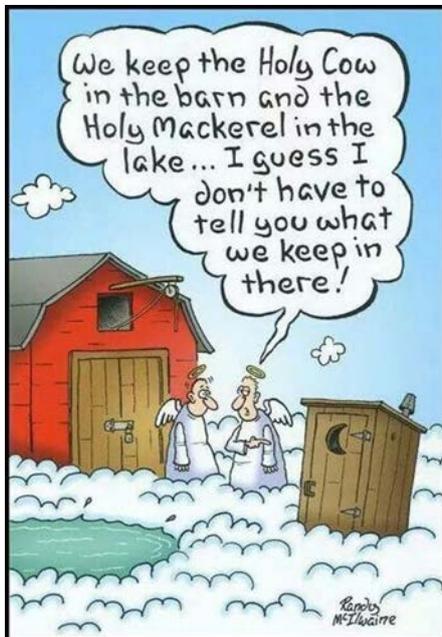
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GWA Bathrooms & Kitchens

Galvins Plumbing Supplies

Vacuum Toilets Australia

A bit of light relief:



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

Comments on matters raised in E-INSTITUTE or suggestions for future issues are welcome and may be sent to the Editor at:

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