



THE INSTITUTE OF PLUMBING AUSTRALIA Inc

E-Institute

Official Newsletter of IPA

Who is failing the Building Owner?

The Standards and Codes or the Regulations?

If you take a fraction of the information pouring over this editor's desk, a major article in a recent issue of Plumbing Connection and the reactive rather than proactive government response we have a disastrous situation brewing in Australia where recirculating heated water systems are installed without the guidance of a specific Australian Standard and apparently little or no oversight by Regulators in relation to design parameters. Although general information points to possibly a large number of failures of major recirculating heated water systems in Australia it is difficult to quantify as litigation and insurance aspects tend to prevent public knowledge although the problem appears to be known around the world as an Australian issue.

Although the plumbing standards are combined AS/NZS standards the failure rate in New Zealand is reported to be from zero to low with the major difference being in that the regulators in New Zealand have compliance control over design through certification of the design by a qualified engineer at various stages including the initial design and peer review to final

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Western Australia's wastewater recycle trial a success

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Plumbing Supply Forum

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completion of installation meaning that the building owner gets what he initially engaged a plumbing consultant/designer to provide.

Although there are moves by some to incorporate requirements for recirculating heated water systems in the standards this has become a drawn out process not only to draft the standard but to also have it referenced in the Plumbing Code called up by most regulators. Due to the urgency of this matter a proactive approach in the short term could be to reintroduce a requirement to install recirculating heated water systems to product manufacturer's instructions and for Australian Regulators to adopt similar design certification process to that used in New Zealand.

Stephen Movley
Editor



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Recycling in the big picture:

A recently completed trial to recycle wastewater in Western Australia has achieved its first milestone as announced by Water Minister Mia Davies.

In the trial more than 3.5 billion litres of wastewater has been highly treated, recycled, purified and recharged back into Perth's groundwater supply to be used for drinking water supply in the future

The trial plant was built to test groundwater replenishment in local conditions and to ensure all health targets can be assured. It is reported that this has been successful and construction of a full-scale plant is due to begin later this year.

In the bigger picture the first stage of the new plant, to be built in Craigie, will recharge seven billion litres of water each year, and can be expanded to 28 billion litres of water a year as population and needs grow.

For more information about groundwater replenishment, [visit the Water Corporation](#)

Standards open for comment:

DR 101878 CP

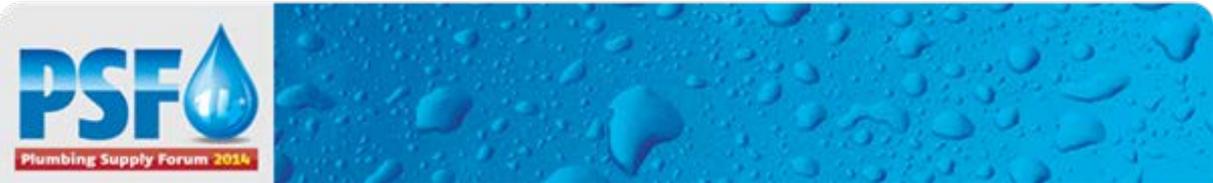
Plastics piping systems for soil and waste discharge (low and high temperature) inside buildings - Polypropylene (PP) (ISO 7671:2003, MOD)
Comment Closes 24 June 2014

DR 101256

Plumbing and drainage - Part 1: Water services

Comment Closes 21 May 2014

For your diary:



Dear Plumbing Industry Colleague,

Plumbing Connection magazine, in partnership with the Plumbing Products Industry Group (PPIG), is pleased to announce that registration is now open for the 2014 Plumbing Supply Forum (PSF).

This exciting one-day event will be held in Sydney on Tuesday May 27 and our venue this year is the new Rydges Sydney Airport Hotel at the International Terminal – which is easily accessed by locals, interstate and overseas guests. The PSF is the key event that brings together all plumbing industry players every two years for a unique day of knowledge gathering, industry discussion and networking.

As there are many issues across the plumbing industry of concern to suppliers, resellers, specifiers and installers alike, we will have senior leaders talk to you about the topics that affect your business. In particular, HIA Chief Economist Harley Dale will again provide his popular and valuable overview of the market conditions ahead.

Who should attend the PSF?

Any executive who wants to stay on top of current trends/issues across their industry should be present at this PSF. There is also significant value for general management/business owners, sales/marketing and compliance managers. You won't be disappointed.

Registration, Accommodation and Parking

Do yourself a favour and don't leave your registration to the last minute! All the details, including the full program and registration form, can be found at www.plumbingsupplyforum.com.au.

We can also offer you an Earlybird Special on a standard room at the Rydges for the excellent rate of \$234 a night including breakfast. To book a room, call the hotel direct on 02 9313 2500 and ask for the Plumbing Supply Forum's special rate – there are limited rooms available so make sure you get in early. For those driving to the event, parking can be found adjacent to the hotel in the International Terminal car park. Just remember to validate your ticket at

the hotel reception on the day and you will receive a 50% discount. You can also avail yourself of the shuttle bus/train from and to the domestic terminal.

Our sponsors

We are extremely grateful to our supporting sponsors who are again assisting us to present this important event.



We look forward to meeting and networking with you and your colleagues on Tuesday May 27. To register, go to – www.plumbingsupplyforum.com.au

Jeff Patchell
Publisher – *Plumbing Connection* magazine
Plumbing Products Industry Group

Richard Michaels
President –

Selection and Sizing of Copper Tubes for Water Piping Systems

[Selection and Sizing of Copper Tubes for Water Piping Systems](#) by [Barrie Smith](#) (the blue book) is now available in both DVD and E-Book download, visit www.plumbing.org.au and follow the links.

Companion Spreadsheet now available, see www.plumbing.org.au for details and FREE Download. (follow the button links or click on [Technical Book Sales](#) and scroll to bottom of page for [Spreadsheet Files](#))

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

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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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