



E-Institute

Official Newsletter of IPA

MERRY CHRISTMAS

AND A

PROSPEROUS

NEW YEAR

to all our readers.

From the IPA Council and Secretariat,

we wish you all a happy and safe festive season

and look forward to an exciting and productive year in 2018.



Just a short message today, so close to the festive break, with items to read now or in the new year. The Institute has completed a busy year of drafting Standards and plumbing research and there is still much to be done in 2018. The IPA standards project to include some basic information as a minimum standard for circulating heated water systems has past most hurdles and will or should be published in the new year together with several other revisions. The IPA thanks and congratulates those willing volunteers to our project that managed to overcome the hurdles and stayed the long two-year course (longer for some) from project proposal to final draft.

The drafting process has highlighted many shortfalls in the knowledge base for designing and installing the complex systems that are modern circulating heated water systems, International and local research is proving that these systems are not as simple as they look and require

skills and knowledge beyond the historical training and regulation of plumbing in Australia. It must be remembered that Australian Plumbing Standards referenced in regulation are Minimum Standards and only supply the basic building blocks. To design and install the more complex systems requires knowledge and understanding well beyond the minimums. The IPA has begun collating information and in 2018 will be calling on the wider plumbing industry to support further research to go beyond the minimums.

Stephen Movley
Editor

DISCUSSION ON DIFFERENT METHODS OF IN-FIELD WATER TESTING USED FOR DETERMINING METAL LEVELS IN DRINKING WATER

Recent events and incidents around Australia have raised questions about the levels of lead in our drinking water. A review of these incidents has highlighted apparent inconsistency and a lack of standardisation in the on-site sampling methods undertaken as the basis for testing. IPA Member Chris Galvin MIPA has prepared a paper identifying what he believes is an opportunity for standards bodies, government health and building authorities, and industry groups, to consider implementing a standardised method of water sampling and testing with regards to extraction of metals in the field, across all states and territories in Australia.

The paper [Effects of Water Sampling Methods](#) is available to download [here](#)

Standards Australia:

Please be advised that Amendment 2 has been now been published to AS/NZS 3500.2. This scope of this amendment focuses on vacuum drainage.

Publication Number: AS/NZS 3500.2:2015 Amd 2:2017

Title: Plumbing and drainage

Publishing Date: 24-11-2017

Project Committee: WS-014 Plumbing and Drainage

This amendment is distributed by SAI Global. Further information on how to access this amendment is on their website at the following link:

<https://infostore.saiglobal.com/store/Details.aspx?ProductID=1949170>

Arsenic fact sheet – Update

The greatest threat to public health from arsenic originates from contaminated groundwater. This fact sheet highlights the health effects caused by arsenic, the magnitude of the problem, prevention and control options and related WHO guidance and activities.

<http://who.int/mediacentre/factsheets/fs372/en/>

Legionellosis fact sheet – Update

This fact sheet provides an overview of Legionnaires' disease. It includes background information on the cause of the disease, its extent and symptoms. It also includes guidance to prevent and control legionellosis, which should focus on minimizing the growth of Legionella in water systems and dissemination of aerosols in cooling towers.

<http://who.int/mediacentre/factsheets/fs285/en/>

Publication of the French version of “Water safety plan: a field guide to improving drinking-water safety in small communities”

Originally published in English and Russian in 2014 by the WHO Regional Office for Europe, this field guide provides step-by-step instructions (including ready-to-use templates) for the development and implementation of water safety plans in rural communities.

<http://www.euro.who.int/fr/publications/abstracts/water-safety-plan-a-field-guide-to-improving-drinking-water-safety-in-small-communities>

WHO/UNICEF newsletter on WASH in health care facilities

WHO and UNICEF produce a quarterly newsletter with updates on activities relating to WASH in health care facilities. Click [here](#) to view the latest issue sent out this month. To sign up for future issues, go to

www.washinhcf.org/signup.

Request for data on WASH in HCF for SDG baseline report

The WHO/UNICEF Joint Monitoring Programme for Water Supply, Sanitation and Hygiene (JMP) is preparing an SDG baseline report on WASH in health care facilities, which will be published in mid-2018. The report will build on the [2015 WHO/UNICEF Landscaping report](#), and will reference the [global core indicators](#). The JMP team is looking to collect all available data by the end of the year in order to begin data analysis. If you know of any national or sub-national assessments on WASH in HCF which have recently taken place or have any data that could be included in the report, please send an email to info@washdata.org by 20 December.

New publication: Safe management of wastes from health care activities - A summary.

The waste produced in the course of health care activities can cause infection and injury, and inadequate management has serious public health consequences and deleterious effects on the environment. This document highlights the key aspects of WHO's previously published “Safe management of wastes from health care activities”, to guide policy-makers, practitioners and facility managers to improve such services in health care facilities.

http://www.who.int/entity/water_sanitation_health/publications/safe-management-of-waste-summary/en/index.html

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

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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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A bit of light relief:

Old Man Walking...so much for assumptions...
(Thank you Franco)

Old age ain't for wimps...but it beats dying young.

Two medical students were walking along the street when they saw an old man walking with his legs spread apart. He was stiff-legged and walking slowly.

One student said to his friend, "I'm sure that poor old man has Peltry Syndrome. Those people walk just like that."

The other student says, "No, I don't think so. The old man surely has Zovitzki Syndrome. He walks slowly and his legs are apart, just as we learned in class."

Since they couldn't agree they decided to ask the old man. They approached him and one of the students said to him, "We're medical students and couldn't help but notice the way you walk, but we couldn't agree on the syndrome you might have..."

Could you tell us what it is?"

The old man said, "I'll tell you, but first you tell me what you two fine medical students think."

The first student said, "I think it's Peltry Syndrome."

The old man said, "You thought, but you are wrong."

The other student said, "I think you have Zovitzki Syndrome."

The old man said, "You thought, but you are wrong."

So, they asked him, "Well, old timer, what do you have?"

The old man said, " Well, I thought it was GAS, but I was wrong, too!"

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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