



E-Institute

Official Newsletter of IPA

Some varied and interesting information in this issue, the World Plumbing Council 2015 Scholarship program offers two scholarships for educational exchange, over the years Australian applicants have had a high success rate so if you are into training give it a go and apply. The International Specialised Skills Institute is also offering Fellowships linked to training although restricted to the Victorian VET and RTO areas.

Consultation Papers also seem to be flavour of the month with the ABCB issuing consultation papers on Rainwater Reuse and Backflow Prevention both areas of vital importance to plumbers and plumbing, please make the time to view them and comment so as to show that we care.

Another consultation regarding the cornerstone of Plumbing – Public Health and Safety relates to Legionella Control, do not sign this off as an academic exercise as much of what the paper is about relates directly to design, installation and maintenance of both cold and heated water plumbing systems. This paper will have a direct influence on the work on Circulatory Heated Water Systems that we are currently researching for Standards Australia. The paper contains information that every plumber

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should be aware of and those working in the health sector need to know. The IPA is also keen to have your thoughts on these matters as you will broaden our current research, just send to secretary@plumbing.org.au



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2015 World Plumbing Council Scholarship Program and offers up to \$10,000 per scholarship

The World Plumbing Council (WPC) Chairman, Mr. Sudhakaran Nair has officially launched the WPC Education and Training Scholarship Program for 2015.

This is the second year that the two scholarship opportunities will be offered, one for applicants from Developed countries and another for Developing or Least Developed countries. The introduction of two scholarships presents more opportunities for those applying and takes into account the particular circumstances of candidates.

All members of the plumbing industry are invited to apply for these industry scholarship programs. Each of the scholarships provides up to US\$10,000 in funding to cover expenses for the duration of the program.

The scholarships are intended to provide for an educational exchange between countries focusing on plumbing industry training, while at the same time exposing the participants to new technologies and innovations in training systems. They also provide an opportunity to increase awareness of the contribution that plumbing has made to global health and the environment. Participants have an opportunity to gain knowledge of the industry, technology, training and systems which can be applied to improve standards in their home countries.

The program also enables participants to experience the culture, language and work practices of other countries and provides a platform for networking and relationship building.

Mr. Sudhakaran Nair, Chair of the WPC said "These scholarships deliver life changing opportunities for applicants to gain invaluable skills and knowledge of plumbing practices around the world."

Applicants are encouraged to focus on the following areas during their scholarship program;

- Identification of emerging vocational training needs and trends
- Plumbing training & education to address the environment and sustainability issues
- The value of water efficiency to the community and the plumbing industry

- How does plumbing training or lack of training affect public health in a country or region?

Applications close on the 31st August 2015 and the WPC would like to encourage candidates from all areas of the Plumbing Industry worldwide to apply.

To apply for a scholarship, an application form can be downloaded from the WPC website - <http://worldplumbing.org/scholarship>.

For information on developing countries go to:

<http://www.isiweb.org/component/content/article/5-root/root/81-developing>

For information on least developed countries go to

http://www.nationsonline.org/oneworld/least_developed_countries.htm

ISS Institute 2015 Fellowships

New Higher Education and Skills Group Fellowships are now available

The International Specialised Skills Institute (ISS Institute) is excited to bring to your attention the next round of Fellowships open for application. Please consider applying and/or share this information with your colleagues, friends or family for their consideration. It is an amazing opportunity for people to develop their skills and to gain an international perspective of best practice.

We thank you and look forward to your interest in the Fellowship program.

2015 Higher Education and Skills Group Overseas Fellowship

This is an outstanding opportunity for VET and RTO staff to build capacity, examine innovation and develop skills to enhance productivity and training.

Fellowships available: 11

Amount: \$13,000 (*each Fellowship*)

Applications close: Monday, August 31, 2015

For more information and to download the application form visit:

<http://www.issinstitute.org.au/wp-content/media/2015/07/15-HESG-Application-Form-v2.pdf>

Note: These Fellowships are open to all staff in Victorian Government contracted Registered Training Organisations.

Rainwater Harvesting and Re-use – Consultation Paper & Backflow Prevention – Consultation Paper

The Australian Building Codes Board (ABCB) is a Council of Australian Governments (COAG) standards writing body that is responsible for the National Construction Code (NCC), which

comprises the Building Code of Australia (BCA) and the Plumbing Code of Australia (PCA). The ABCB mission is to address issues of safety and health, amenity and sustainability in the design, construction and performance of buildings.

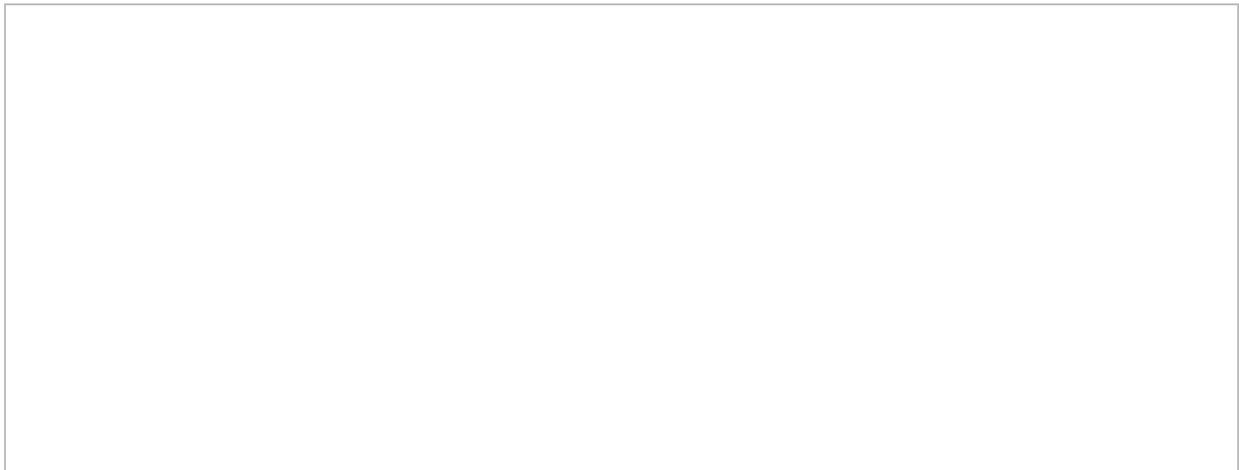
The Rainwater Harvesting and Re-use, and Backflow Prevention – Consultation Papers 2015, are the first and second in a series produced as part of the Board’s Plumbing Code Development Research Project. They are now available for comment on the ABCB website.

See: <http://www.abcb.gov.au/work-program/Plumbing%20Code%20Development%20and%20Research.aspx>.

The **Rainwater Harvesting and Re-use Consultation Paper** draws upon current public policy, regulations and technical guidance publications relevant to rainwater harvesting and re-use in Australia, and is intended to inform any future deliberations with regard to identifying the possible need for a national approach.

The **Backflow Prevention Consultation Paper** is a review of the requirements for backflow prevention including the role of the Plumbing Code of Australia and its Performance Requirements, the Hazard Rating system, device registration and testing, installation requirements, and related matters.

Comments are welcome on both papers until Close of Business on **28 August, 2015**. Details for responding are provided in the papers.



To whom it may concern

**RE: STAKEHOLDER CONSULTATION –
GUIDELINES FOR *LEGIONELLA* CONTROL IN THE OPERATION AND
MAINTENANCE OF DRINKING WATER DISTRIBUTION SYSTEMS IN
HEALTH AND AGED CARE FACILITIES**

The Australian Health Protection Principal Committee (AHPPC) has tasked the National Environmental Health Standing Committee (enHealth) to develop national guidance for health and aged care facilities to support them to control *Legionella* through the proper operation and maintenance of their facility's drinking water distribution systems.

The need for such a document has been demonstrated by the many instances of *Legionella* detections, and rare cases of Legionnaires' Disease, occurring in health and aged care facilities across Australia, including the widely publicised Wesley Hospital outbreak in Queensland in 2013. These detections and cases emphasise the importance of *Legionella* control as part of the design, operation and maintenance of drinking water distribution systems, particularly for people residing in health and aged care facilities that are likely to have a compromised immune system making them more vulnerable to *Legionella* infection.

Draft "Guidelines for *Legionella* Control in the Operation and Maintenance of Drinking Water Distribution Systems in Health and Aged Care Facilities" (the draft Guidelines) have been developed along with a risk management plan template and are now available for stakeholder review and comment.

The views of stakeholders on the draft documents are sought to ensure the Guidelines:

- provide information of sufficient detail and appropriate style and language to support health and aged care facilities understand the risks posed by *Legionella* and options for its management.
- guide facilities of various sizes to effectively develop or oversee the development of a *Legionella* risk management plan.
- align with (or at least do not run counter to) regulatory arrangements for public health, water and plumbing regulation or other relevant legislation in jurisdictions across Australia and New Zealand.
- align with (or at least do not run counter to) operational arrangements for facilities management, care practices and infection control in jurisdictions across Australia and New Zealand.

A copy of the draft Guidelines and risk management plan template are available for download at: www.sahealth.sa.gov.au/reviewsandconsultation

Comments on the draft Guidelines and risk management plan template can be made the following ways:

Completion of the online feedback form at: <http://goo.gl/forms/7wZjm1pwP9> or by email to: legionella@health.sa.gov.au

The period for comments closes on Friday 31 July 2015.

Thank you for your help



Xavier Schobben
CHAIR
ENVIRONMENTAL HEALTH STANDING COMMITTEE

Water, Sanitation, Hygiene and Health Newsletter N° 194 | Wednesday, 8 July 2015

JMP 2015 Update and MDG Assessment Report launched

The report presents final MDG assessments for countries, regions, and the world, as well as a reflection on changes in monitoring of water, sanitation and hygiene since 1990.

http://www.who.int/water_sanitation_health/monitoring/en/

Call for Expressions of Interest: WHO International Scheme to Evaluate Household Water Treatment (HWT) Technologies

Have your HWT product evaluated by WHO: results of the product testing are used to guide product procurement, facilitate national certification, and serves to boost consumer interest and confidence. An "Early Bird" special will be given to those who submit by 12th July and the final deadline has been extended to 15 August. More information:

http://www.who.int/household_water/scheme/applicant/en/ or send an email to: hwwater@who.int

WHO Recruiting for Health Care Waste Position

WHO is seeking expressions of interest from professionals interested in undertaking a full-time consultancy (1 August-30 December 2015) to advance WHO's work on health care waste. The consultant will also support monitoring of WASH in health care facilities and WASH in emergencies. The work requires close interactions with colleagues in vaccines, infection prevention and control and emergencies. The consultant will be based in Geneva with approximately 30% travel to support implementation efforts. The work requires a strong technical background in health care waste, familiarity with WHO standards and guidelines, field experience in developing countries and experience in organizing and managing multi-sectoral efforts. For the full ToR please email hwwater@who.int. Applicants are asked to submit a CV, a short cover letter highlighting experience and motivation for the work and a proposed daily rate, no later than **15 July 2015**.

Singapore International Water Week (SIWW), 2016, Water Convention 2016 now open for submission of papers.

Abstracts can now be submitted online on the themes below with a deadline for submission of **15 Aug 2015**.

Delivering Water from Source to Tap
Effective and Efficient Wastewater Management
Water for Liveability and Resilience
Water Quality and Health
Water for Industries

For more information, please visit the website www.siwv.com.sg/water-convention.

Hi Stephen,

In the last few years, there has been a big push to design and build hospitals that ensure continuous improvement in patient care for years to come. But is Australia doing enough to design and develop hospitals that will stand the test of time to meet evolving patient needs?

[In this article](#), **Colleen Hart**, Healthcare Designer and Associate Director of Health Planning at **Design Inc.**, explores the biggest challenges facing health facilities design and development, and the core design features and project strategies that are needed to design hospitals for the future.

[Download the Article: Next Generation Hospital Design - Catering for an ageing population](#)



Colleen Hart, Design Inc.

What's in the article:

- **Meeting the needs** of an ageing population
- **5 key things to consider** when building a next generation health facility
- **Design quick wins:** building a hospital that doesn't cost a fortune
- **The importance of social integration** in future hospital design

Hear more from Colleen and 26 other health facility design experts at [Health Facilities Design & Development Victoria 2015](#), taking place on **17 - 19 August**. Colleen will be taking part in an interactive panel session on "*Adaption of the Healthcare System to an Ageing Society*".



[Download the full Health Facilities Design & Development 2015 agenda here](#)

Some of this year's 27 expert speakers include:

- **June Mattner**, CEO, **St John of God Burwood Hospital**
- **Jenni Gratton Vaughan**, Executive Director Strategy, Planning and Redevelopment, **The Royal Victorian Eye and Ear Hospital**
- **Kaylene Sutherland**, Senior Director, **Gold Coast Health**
- **Hari Pliambas**, Principal, **Lyons**
- **Anne Marie Hadley**, CIO, **Chris O'Brien Lifehouse Cancer Centre**

To register: [book online here](#), email registration@iqpc.com.au or call 02 9229 1000

For more information: email enquire@iqpc.com.au or [visit the event website](#).

I hope you enjoy the article,

Lauren Kelleher
Editor
Health Facilities Design & Development Victoria 2015



10 June 2016

Enware Aquablend eSQX Touch Free point of Use Thermostatic Mixer



The Aquablend eSQX from Enware is the first Australian designed, manufactured and Watermark Certified range of water and energy efficient Touch Free point of use thermostatic mixers. They deliver temperature controlled heated water in high risk environments such as healthcare, aged care, schools, child care centres and in facilities catering for people with disabilities.

Designed for the most demanding healthcare facilities, Aquablend eSQX "Touch Free point of use" thermostatic mixers play a critical role in delivering Hand Hygiene efficacy in accordance with Hand Hygiene Australia and the Australian Guidelines for the Prevention and Control of Infection in Healthcare. Enware's technical insight and collaboration with leading healthcare designers also ensures total compatibility with the Australasian Healthcare Facilities Guidelines for Type A and B healthcare basin applications.

<http://www.enware.com.au/default.aspx?ArticleID=918>

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

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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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