



E-Institute

Official Newsletter of IPA

Let's be positive

In late 2015 I wrote enthusiastically about the future; with research and improvements in education, training, plumbing design, standards and regulation all in the pipeline to hit the ground running in 2016. Unfortunately anything remotely connected to governments is now worked at the government stroke with 3 and 4 year work plans de rigueur. But, my resolution for 2016 is to only take the positive approach and so I am pleased that the IPA chaired working group charged with introducing minimum standards for circulatory heated water systems has, after a lot of work behind the scenes, been reconstituted and will recommence its work at a meeting this month.

As always the Institute is keen to relate with its members and readers and welcomes your input for improving best practice, design/installation ideas that work for you or standards and regulations that you believe could be improved. Your input will go towards building our knowledge base and to improve our input into industry committees and debates that we contribute to, the Institute is also able to publish papers, with your consent, in this newsletter or on the webpage. Information may be sent to the Secretary at secretary@plumbing.org.au

Another use for plumbing – analysis of wastewater is informing the prevalence of drug use across major cities with startling results. A media release by the Western Australian Government copied below indicates a street value of \$2 billion per year

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for methamphetamine and reports on the internet including one linked here give a much broader picture including the legal ones of nicotine and alcohol.

Below are a number of incentives for your direct input or involvement including a free download of the ICAA Hydraulic Services Design Guide, a survey on Building Fire Safety Performance Solutions, World Plumbing Council Scholarships, International Fellowships in Vocational

Education and Training (VET) sector to assist in building an Education State in Victoria and an interactive search tool for plumbing standards.

The attached WPC Review newsletter gives some insight to the work of the World Plumbing Council.

Stephen Movley
Editor

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[Latest Hydraulic Services Design Guide for Download](#)

Dear Subscribers

We are pleased to inform you that the amended interactive Hydraulic Services Design Guide is available for download on: www.copper.com.au cost free.

The document has been very well received by the industry and the International Copper Association Australia and MM Kembla has had many compliments and feedback in this regard.

The HSDG is now referenced in most TAFE Plumbing colleges in their plumbing courses and used as a reference in their libraries.

Thank you again for your support.

Kindest Regards

Angie

Angie Koh Herold

Project Manager

International Copper Association Australia

Suite 1, Level 7, Westfield Towers 100 William Street,

Sydney NSW 2011, Australia

Phone +61 2 9380 2000

2016 World Plumbing Council Scholarship Program

The World Plumbing Council (WPC) Chairman, Mr. Sudhakaran Nair has officially launched the WPC Education and Training Scholarship Program for 2016.

The World Plumbing Council offer two scholarship opportunities, one for applicants from Developed countries and another for Developing or Least Developed countries.

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 approved 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 own 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 "From my observations these scholarships have the potential to deliver life changing opportunities for applicants in gaining invaluable skills and knowledge of plumbing practices from around the world. "He also stated that "the scholarship program now offered by the World Plumbing Council was a significant step towards achieving its mission, to promote the role of plumbing in improving public health and safeguarding the environment, by uniting the World Plumbing Industry for the benefit of all."

Scholarship applicants are encouraged to focus on these 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 22nd September 2016 and the WPC would like to encourage candidates from all areas of the global Plumbing Industry to apply.

Please visit www.worldplumbing.org to see the reports of previous recipients and to download an application for either of the the 2016 Scholarships. **Applications close on the 22nd September 2016**.

For information on developing countries go to <http://www.isi-web.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

For Application Forms [Click here](#) (takes you to the WPC Website)

Australian Building Codes Board:

Common Class 2 and 3 Building Fire Safety Performance Solutions Survey

The [Australian Building Codes Board](#) is currently undertaking a holistic review of the National Construction Code's (NCC) fire safety provisions for Class 2 and 3 buildings.

A [survey](#) to gather information on the use of Performance Solutions relating to fire safety in Class 2 and 3 buildings has been released, and is now open for feedback. This survey is directed at industry practitioners who commonly use performance based design for fire safety solutions, specifically building surveyors and fire engineers.

The survey contains five questions, and is anticipated to take 10 to 15 minutes to complete. All information submitted will be treated in-confidence.

The survey is available at www.surveymonkey.com/r/6RYSYPD, and is open until **20 September 2016**.

For further information, please contact the ABCB directly on 1300 134 631 or email survey@abcb.gov.au.

Another use for Plumbing:

Water test results to inform WA Meth Strategy

1/08/2016 8:30 AM

- **Inaugural test results for meth in wastewater released**
- **Results will inform the Liberal National Government's WA Meth Strategy 2016**

The Liberal National Government will use data collected from its meth wastewater testing trial to ensure resources are well targeted to help in the fight against the dangerous drug.

Deputy Premier and Police Minister Liza Harvey said the testing across Perth, Bunbury and Geraldton showed West Australians consumed about two tonnes of meth per year, with a street value of about \$2 billion.

Ms Harvey said the wastewater testing analysis project had, for the first time, provided science-based evidence of the scale of meth use across the wider Western Australian community.

"The results provide the most accurate data yet on consumption levels; daily, weekly and seasonal rates; trends; and a broad geographical breakdown," she said.

"The data will help inform the State Government's Western Australian Meth Strategy 2016 which tackles meth on three fronts - education to stop people from ever using this insidious drug; support and treatment services to help people who are impacted by meth; and disrupting supply."

The testing across the greater Perth metropolitan population indicated 31.6 kilograms of meth was used every week in Perth, or 1.6 tonnes per annum.

Testing in Perth started in July 2015 at three wastewater treatment plants which service about 1.52 million residents.

Testing was extended to Bunbury in November 2015 and Geraldton in January 2016.

"While WA Police has taken a record amount of meth off the streets, the Government has also been increasing the number of rehabilitation beds and support services for people impacted by meth," the Deputy Premier said.

"The Government is also educating schoolchildren about how this drug tears lives and families apart in an effort to deter people from ever trying the drug."

Fact File

- Testing showed 31.6kg of meth was used every week in Perth, or 1.6 tonnes per annum
- To view the WA Meth Strategy 2016, visit <https://www.dpc.wa.gov.au/Documents/WA%20Meth%20Strategy%202016.pdf>



ISS Institute 2016 Fellowships

New fellowships are now available

The International Specialised Skills Institute (ISS Institute) is excited to bring to your attention Round 2 of Fellowships for 2016. Please consider applying and/or sharing 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.



[Forward](#)



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2016 Higher Education and Skills Group

International Fellowship

Fellowships available: 10

Amount: \$13,000 less GST (*each Fellowship*)[1]

Applications close: Monday, September 26, 2016

The Fellowships aim to develop opportunities within the Vocational Education and Training (VET) sector to assist in building an Education State in Victoria that produce excellences and reduce the impact of disadvantage.

These Fellowships are intended to examine innovative approaches that demonstrate potential benefits for, and application in, Victoria. A key outcome of each Fellowship is developing effective approaches for student engagement and participation, quality teaching and learning, employment and industry productivity.

10 Fellowships are available to vocational training practitioners who are employed within the Victorian Government contracted Registered Training Organisations (RTOs)[2] and Adult, Community and Further Education (ACFE) Board registered Learn Local Organisations (LLOs)[3], including TAFEs and private RTOs.

For more information and to download the application form visit:

<http://www.issinstitute.org.au/wp-content/media/2016/07/16-HESG-Application-Form.pdf>

The Higher Education and Skills Group Fellowship application form can be completed electronically. Please email the completed form and required attachments to: fellowships@issinstitute.org.au

Notes:

1 Each successful applicant (Fellow) receives a maximum of \$13,000 towards his/her Fellowship costs. Any expenses in excess of this amount must be borne by the Fellow.

2 Registered Training Organisations (RTOs) contracted as providers of Victorian Government subsidised Training in 2016. See list at: www.education.vic.gov.au/

3 Learn Local Organisations (LLOs) that are registered with the Adult, Community and Further Education (ACFE) Board in 2016.

We Are Here To Help

Whether you have had previous experience in preparing submissions, require more information, or have never applied for any grant or Fellowship before, we are here to assist you in the preparation of your application and welcome your enquiry by phone or email to (03) 9347 4583 or fellowships@issinstitute.org.au





UNDERSTAND THE STANDARDS BEHIND YOUR BUILDING PROJECTS

The award-winning NCC House has been updated to reflect the recently released 2016 National Construction Code.

NCC House is an interactive tool to help you determine which building and plumbing Standards referenced within the National Construction Code 2016 (NCC), apply to your next residential dwellings project.

A quick and simple reference point for your building projects

1. Navigate to a room in the house using the interactive tool.
2. Select the relevant hotspot in the area you want to know more about.
3. You will then be presented with a list of Standards (including Product Certification Standards) appropriate to that area and the relevant codes they apply to.

[TRY NOW](#)

We also run a comprehensive training schedule across a range of topics and abilities. Popular courses include:

Risk Management ISO 31000 Foundation	Public	
ISO 9001:2015 Foundation	Public	Online
ISO 14001:2015 Foundation	Public	Online
Six Sigma Green Belt (Incorporating Lean)	Public	

[See our complete list of courses here](#) or information on [in-house training, here](#).

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:

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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