

review



"Uniting the world plumbing industry and promoting its public health and environmental role"

WPC Achieves Major Milestone

The action of WPC Members at the WPC General Meeting in Brisbane Australia, late October, achieved a major milestone in the short history of the World Plumbing Council. Members, through a country vote, unanimously endorsed the WPC Bylaw amendment creating a new category of membership, an Individual Member, which over time will positively impact the capability of WPC in meeting its objectives.

A champion of individual membership for over 10 years, Mr. Henry Hung, former WPC director and Deputy Chairman, was unanimously declared by the meeting as the first Individual Member of WPC. This was to be followed by a number of other firsts, in relatively, quick succession:

— Carmel Coate, Plumbing Products Industry Group, Australia became the first woman to be an Individual Member

— Lindsay and Shayne La Combre the first father and son to be individual members

— Todd and Gaby Davis the first married couple to each become individual members.

A list of latest new Members - Full, Affiliate and Individual - is on page 4.

Membership to WPC is now available in three categories, Full, Affiliate and Individual. For more information on WPC membership visit www.worldplumbing.org and go to Membership. Membership subscriptions can now be paid via PayPal on the WPC website.

Caroma
design for life

Caroma sponsored the WPC meeting in Brisbane

WPC were very pleased to welcome Caroma and GWA Bathroom & Kitchen as the General Meeting sponsors, represented by Dr. Steve Cummings, Caroma R&D Manager, who provided the visiting delegates, from 11 countries, with an informative update on Australia's world-leading programs on water conservation, efficient plumbing product design and the work of the dry-drain committee.

Another invited speaker was David Hoey, CEO of WorldSkills International. David outlined the significant growth of this organisation that provides a unique means of exchange and comparison of world-class competency standards in the industrial trades and service sectors of the global economy. The continued growth of WorldSkills International attests to the fact that traditional trade and craft skills along with the newer technology multi-skilled vocations make an essential contribution to the economic and social wellbeing of peoples everywhere.

WPC Chairman Russ Chaney said he was delighted with the turnout for the meeting, the commitment and participation of members and the opportunity to greet and welcome a number of new members.



A small selection of those who received membership certificates at the Brisbane meeting. Clockwise from top left: Donna Harrington with WPC Chairman Russ Chaney; Russ Chaney and René Mächler; Bradley O'Carroll, centre, with Chaney and WPC Secretary Stuart Henry; Stuart Henry receiving Gary Hile's membership application form

World Plumbing Council Proudly Sponsors
World Plumbing Day



MARCH 11th, EVERY YEAR ... EVERYWHERE

Plumbing Industry Registration Board Recognised in South Africa

It is official: the South African Qualifications Authority (SAQA) formally approved the recognition of the Plumbing Industry Registration Board (PIRB) as a professional body on 7 November – which means professional plumbers registered with the PIRB will, in future, enjoy official, national recognition. It has been a long, but rewarding journey for the PIRB. The Institute of Plumbing South Africa's (IOPSA) Executive Committee in 2006 began creating the Plumber Register for the whole plumbing industry and started making representations to the NQF.

A policy and criteria for recognising professional bodies and registering professional designations has been approved for submission to the Minister of Higher Education and Training, for consultation with the three Quality Councils (QCs) and for use in the pilot phase.

"It has been a long and arduous road, but the persistence within the PIRB, coupled with the dedication and passion of the people who have believed in the bigger picture, has yielded this critically important milestone," says Lea Smith, chairman of the PIRB.

"This is a momentous occasion not only for the PIRB, but for the plumbing industry as a whole, and more so, for the qualified plumbers who work in our industry and for those wishing to work in the industry."

The following extract from the Professional Body's policy document points to the importance the recognition has to the industry: *'A professional designation indicates registration of the individual with a professional body, and where relevant, the right to practice in the particular field of expertise governed by the professional body. Retention of the status is dependent upon compliance with the stated requirements of the professional body concerned.'*

This means that registration and continued recognition as a registered professional plumber requires the fulfilment of criteria that now enjoy official, national recognition. "A professional designation indicates registration of the individual with a professional body, and where relevant, the right to practice in the particular field of expertise governed by the professional body. Retention of the status is dependent upon compliance with the stated requirements of the professional body concerned," says Smith.

"This is another stake in the ground showing that the plumbers and the plumbing industry are taking ownership of their own destiny and bringing true value and professionalism back to our industry."



Lea Smith, Chairman,
Plumbing Industry
Registration Board (PIRB)

ISH Frankfurt am Main, 12 – 16 March 2013



Frankfurt am Main
12 - 16 March 2013

ISH – The World's Leading Trade Fair for The Bathroom Experience, Building Services, Energy, Air Conditioning Technology and Renewable Energies – will be distinguished by a variety of new themes and special events. "Resource conservation is the subject around which everything at ISH 2013 revolves and, therefore, the focal point of all product segments", says Wolfgang Marzin, President and Chief Executive Officer (CEO) of Messe Frankfurt.

Thus, the ISH Water section will spotlight the way water is used and set new accents with regard to drinking-water treatment and sustainability. This will be supplemented by the subjects of cross-generation bathrooms and complete bathrooms and the associated trend towards holistic room concepts that divide the bathroom into interior-design modules.

The ISH Energy section illuminates the subjects of 'Efficient heating systems and renewable energies' and 'Energy-efficiency and comfort with ventilation and air-conditioning technology'.

With all this thematic expertise on board, the outlook for ISH 2013 is extremely good. Thus, with over 2,300 exhibitors, the exhibition space is already almost fully booked up. To cater for the increased demand, Hall 10.3 will be opened for the first time at ISH and provide the setting for exhibitors in the fields of home and building automation, energy management and measuring and control technology. All market and technology leaders from home and abroad have signed up for ISH to launch their latest technologies and solutions onto the world market. Messe Frankfurt expects to welcome over 200,000 visitors with the sanitation, heating and air-conditioning installation trade making up the largest group of visitors.

Messe Frankfurt

With a turnover of € 467.5 million and 1,725 employees worldwide, Messe Frankfurt is Germany's biggest trade-fair organiser. The Messe Frankfurt Group has a global network of 28 subsidiaries and around 50 international Sales Partners, giving it a presence for its customers in more than 150 countries. Events 'made by Messe Frankfurt' take place at more than 30 locations around the globe. In 2011, Messe Frankfurt organised 100 trade fairs, of which more than half took place outside Germany. Messe Frankfurt's exhibition grounds, featuring 578,000 square metres, are currently home to ten exhibition halls and an adjacent Congress Centre. The company is publicly owned, with the City of Frankfurt holding 60 percent and the State of Hesse 40 percent.

PERC Releases Long-Anticipated Results of Drainline Transport Study

Chicago, Illinois (November 26, 2012 — The Plumbing Efficiency Research Coalition (PERC) is pleased to announce that the long-anticipated study, *The Drainline Transport of Solid Waste in Buildings*, has been released and is now available on the PERC website www.plumbingefficiencyresearchcoalition.org/projects/drainline-transport-of-solid-waste-in-buildings/. The study provides important insights into the performance of building drains and addresses opportunities for future research.

PERC was formed in January 2009 through a Memorandum of Understanding (MOU) to develop research projects that support the development of water efficiency and sustainable plumbing products, systems and practices. Projects are financed through government grants, foundations and private financing. The Coalition is comprised of industry organizations seeking to conduct much-needed research in a number of areas. PERC identified drainline transport as its first research project.

The six members of the coalition are represented by Mary Ann Dickinson, Alliance for Water Efficiency; Jim Kendzel, MPH, CAE, American Society of Plumbing Engineers; Pete DeMarco, International Association of Plumbing and Mechanical Officials; Jay Peters, International Code Council; Gerry Kennedy, Plumbing-Heating-Cooling Contractors National Association; and Barbara C. Higgins, Plumbing Manufacturers International.



"It's critically important that we gain a better understanding of how building drains perform as flows from plumbing fixtures, appliances and commercial equipment are reduced and toilet fixtures become increasingly stressed to singularly transport solid waste to sewers. This study identifies the controllable variables in the building drain system, such as slope, flush volume, toilet paper selection and toilet discharge attributes, and examines their relative significance on performance," says DeMarco, who acted as the technical director for the study.

After the parameters of the project were defined, the coalition began seeking funding. In January 2011, PERC signed a MOU with the Australasian Scientific Review of

Reduction of Flows on Plumbing and Drainage Systems Committee (ASFlow) at the offices of the U.S. Environmental Protection Agency (EPA). The MOU details several areas of collaboration between the groups to ensure that research efforts are not duplicated and that information and results are shared. ASFlow has also studied the impact of reduced water flow in sanitary drainage systems.

The Energy Policy Act of 1992 requires that all water closets (toilets) manufactured in or imported into the United States flush using no more than a maximum average of 1.6 U.S. gallons (6.0 Litres). This change was made without assessing the impact on drainline transport. After this law went into effect in 1994, new models were introduced, with a significant number of consumers reporting poor flush performance. Initial research focused on flush efficacy, not the transport of that waste through drainline systems built using common designs and materials. Toilet manufacturers have since made improvements in flushing performance for 1.6 gallons per flush (gpf), 1.28 gpf, 1.0 gpf and 0.8 gpf products. In light of changes to further reduce water consumption, the coalition felt there was a need to better understand the function of drainlines, how these systems perform, and which controllable variables impact performance.

UK acts on Legionella

Following Legionella outbreaks in the UK earlier this year, the country's Health and Safety Executive has released important information for users and suppliers of water treatment systems.

From 1st February 2013 it will be illegal to sell or use water treatment systems that use elemental copper in order to add copper ions to water as a biocide. It will also be illegal to supply the copper needed for their use. Action has been taken at a European Union level under the Biocidal Products Directive, because no manufacturer supported the use of elemental copper for use as biocides in these systems during a review period that ended in September 2011.

Dates for your Diary

World Plumbing Day
March 11, 2013
Every year, Everywhere.

ISH Frankfurt Germany
March 12 – 16, 2013.

World Plumbing Council General Meeting
ISH Frankfurt Germany
March 15-16, 2013

WorldSkills International Competition
Leipzig, Germany
July 2-7, 2013.

World Plumbing Council General Meeting
Ann Arbor, Michigan, USA
August 15-16, 2013

World Plumbing Council Triennial Meeting
Grand Hotel, New Delhi, India
November 13, 2013

10th World Plumbing Conference
Grand Hotel, New Delhi, India
March 14-15, 2013.

AUSTRALASIAN PLUMBING CONFERENCE

The Honourable Julia Gillard Prime Minister of Australia provided the following message to the Conference:

“The 2012 conference is a unique opportunity for all sectors of the Australasian plumbing industry to come together and learn from one another. Technicians, managers, consultants, suppliers and industry groups will network and be exposed to a mix of technical, regulatory and business sessions.

I would like to acknowledge the significance of the plumbing industry as a whole. The industry plays a vital part in ensuring the health and safety of communities throughout Australia and the world. Among a vast range of activities, the industry helps ensure that we all receive clean water and that water and waste are distributed correctly. It is impossible to imagine our society without this vital industry.

That is why the Australian Government, together with State Governments, has implemented a National Construction Code. This will deliver increased flexibility in the development of innovative plumbing design solutions and facilitate the introduction of new products. It will also help reduce regulatory overlap between building and plumbing requirements and make life for those in the plumbing industry more productive, efficient and easier.

I hope all those attending find the event invaluable and that you all have an enjoyable time.”



Senator the Hon Jan McLucas, Parliamentary Secretary to the Prime Minister speaks with WPC Chairman Russ Chaney and Secretariat Stuart Henry after delivering the Australian Prime Minister's address to the Australasian Plumbing Conference in Cairns, Queensland.

World Plumbing Council welcomes new members

The World Plumbing Council is pleased to welcome the following new Full, Affiliate and Individual Members

Full Members

Energy Safe Victoria, Australia
Cast Iron Soil Pipe Institute, USA
Plumbers Union Queensland, Australia
Services Trades Queensland, Australia

Affiliate Members.

RMC Consultants, Switzerland.
DBS Drainage and Plumbing, Western Australia
Diploma Plumbing Pty Ltd, Western Australia

Individual Members

Henry Hung, Hong Kong
Mike Massey, USA
Jim Kendzel, USA
Christopher Strobel, Germany
Gary Hile, Alaska
R. K. Somany, India
Dr. Steve Cummings, Australia
Noel Abercromby, Australia
Murray Thomas, Australia
John Joseph, India
Don Summers, USA
Richard Prospal, USA
Lindsay LaCombre, Australia
Shayne LaCombre, Australia
Dwight Perkins, USA
Adrian Cowie, Australia
Robert Brouwers, Australia
Robert Woolley, Australia
Bruce Williamson, Australia
Doug McClusky, Australia
Carmel Coate, Australia
Brian Collis, Australia
Jack Fischer JR, USA
Patrick Whitworth, USA
Bob Carpenter, USA
Jim Allen, USA
Bob Boulware, USA
Rick Taylor, Australia
Bob Goodchild, Australia
Michael Nashida, USA
Sara Morxen, USA
Gaby Davis, USA
Todd Davis, USA
Joseph Kajak JR, USA
Matthew Marciniak, USA
Joe Clynk, Australia
David DeBord, USA
Laurence T Coleman, USA

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The World Plumbing Council aims to unite the world plumbing industry and promote the role of plumbing in improving public health and safeguarding the environment. Its objective is to provide and share information regarding research projects, technology and training that may be applicable to the plumbing industry and the people it serves.

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