

review



"Uniting the world plumbing industry to safeguard and protect the environment and the health of nations"

October
2006

Health Aspects of Plumbing

Joint WPC/WHO publication gets universal welcome



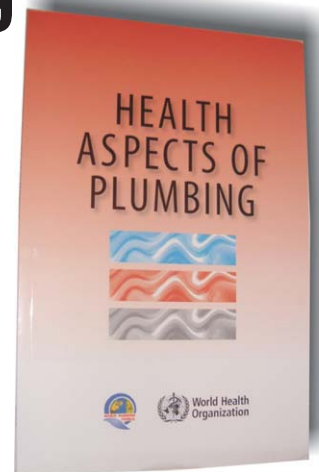
WHO's Dr Jamie Bartram addresses delegates at the IPHE centenary conference

The joint World Plumbing Council / World Health Organisation publication, Health Aspects of Plumbing (HAP) has met with a universal welcome. Launched in Beijing, China in March this year (see *WPC REVIEW* April 2006), HAP has gone on to feature in a number of countries, including at the UK's Institute of Plumbing & Heating Engineering centenary conference in June. WHO's Dr Jamie Bartram was on hand to tell delegates about the publication and to relate it to potential health and environmental hazards presented by poor plumbing standards.

The 130-page Health Aspects of Plumbing includes sections, among others, on water supply, plumbing and drainage design, microbiological and chemical risks, the principles of effective plumbing systems and the role of plumbers in risk assessment and management. Every WPC member organisation should by now have received two of the books while further copies can be purchased from the WPC at a cost of US\$18, or US\$12.60 in developing countries - contact Blanca Martinez or Lynne Nagel at IAPMO on blancamartinez@iapmo.org and lynnen@iapmo.org respectively.

Orders can also be placed on the World Health Organisation website which can be accessed via <http://tinyurl.com/medgn>

Alternatively, the publication can be downloaded in PDF format at <http://tinyurl.com/q66bc>



Apprentices receive copies of HAP

At the annual Inter College Apprenticeship competition organised by the Scottish and Northern Ireland Plumbing Employers' Federation (SNIPEF), the top 3 prizewinners each received copies of "Health Aspects of Plumbing" (HAP). The books were presented in addition to cash prizes, trophies and vouchers for tools.

In making the presentation, SNIPEF President Jim Williams said that "the plumbing industry is delighted to get recognition from the World Health Organisation that if it were not for professional plumbers the world would not have safe drinking water and effective sanitation. All of the apprentices who have competed today should be proud that they are becoming part of such an important industry".



Apprentices Andrew Maclean (centre) flanked by runners-up Scott Hunter and Gary Kirk

Publication translated into Chinese

Such has been the response to Health Aspects of Plumbing that the Executive Board of the World Plumbing Council has decided to widen its appeal by translating the publication into Chinese. This project is almost completed and will be proof-read by a panel of experts established by Executive Board member Henry Hung in Hong Kong.

The sky's the limit for Hong Kong plumbing

Executive Board member Henry Hung writes

The International Finance Centre (IFC) is currently the tallest building in Hong Kong. Located in the heart of the city, this 88-storey structure is considered to be one of the most famous landmarks in the region. However, this concrete giant will soon be overshadowed by another lofty skyscraper, the International Commercial Center (ICC) which is due to be completed in 2011 and will stand 118 storeys high.

Needless to say, the design and installation of the plumbing systems for these soaring concrete skyscrapers requires special attention. In order to reduce momentum for contents of the pipes travelling from high to low levels, the storm water (rainwater) disposal and soil and waste disposal systems of the skyscraper are categorized into several zones. This greatly reduces the risk of flooding due to any hydraulic jump in soil and waste system with discharges from upper levels travelling at high velocity. Similarly, the potable water supply system



Henry Hung (bottom right) and members of IPHE Hong Kong were hosts to a Russian delegation at the IFC earlier this year.

is also divided into zones by subsequent sump and pump systems in the mechanical floors which is to ensure water from the lowest levels can reach to the top floors of the skyscraper. During a hurricane (typhoon), the building will suffer from small amounts of deflection, causing it to swing in different directions. Therefore, all piping materials, especially the vertical riser pipes, will utilise flexible joints to sustain the small angle of deflections between floors. Transporting building materials to higher floors was also a big issue during construction.

The building is monitored by a very unique Building Management System (BMS). This fully computerised system, working around the clock, is to make sure everything is under control in the building including the plumbing system.



Hong Kong's 88-storey International Finance Centre

WorldSkills holds talks with WPC

Every two years, hundreds of young competitors from all over the world gather to compete in WorldSkills, a competition which sets world class standards in over 40 skill categories ranging from welding to cooking, auto body repair to landscape gardening, plumbing to web design.

The next WorldSkills competition will be in Numazo City, Shizuoka Prefecture, Japan from 14 to 21 November 2007 while the 2009 event will be in Calgary, Alberta, Canada from 2 to 5 September, one year after the WPC's Conference at the same venue.

Earlier this year the WorldSkills organisation announced that the 2011 event will be in London, England and in July David Hoey, Secretary General of WorldSkills International held talks with WPC Secretary Andy Watts. The meeting focused on how the two organisations could build on their already close relationship to improve awareness of the importance of vocational skills throughout the world. David Hoey paid tribute to WPC's cutting edge vision in being the first global organisation to sign a Memorandum of Understanding with WorldSkills. Andy Watts said that whilst WorldSkills International's primary task was to facilitate international skills competitions every two years, the organisation had the potential to change political and public opinion about the value of 'thinking hands' professionals around the world. The so-called 'academic and vocational divide' had no place in the 21st Century.

www.worldskills.com



David Hoey, left, received a copy of the Institute of Plumbing & Heating Engineering's centenary book, Competence & Commitment from Andy Watts

WPC Scholarship now in its 4th year

Consideration is currently being given to the applications for the 2006 World Plumbing Scholarship for plumbing trainers/teachers. The Scholarship, which was first awarded in 2003, provides the successful candidate with a grant of up to US\$7,500 to enable them to visit another country and to examine aspects of that country's education and training system. It is intended that the Scholarship winner's visit will benefit both his or her own organisation and country and indeed the wider world plumbing community.

2003 winner, **John Smartt** from Ireland visited training centres in the USA, **Arnold Iru** from the Solomon Islands, who won the 2004 Scholarship, visited Australia and 2005 winner **Phil Campbell** (pictured, right) from Las Vegas, USA recently completed visits to the UK. Phil will be making a presentation on the outcome of his visit at the annual meeting of WPC in Chicago in October 2006.

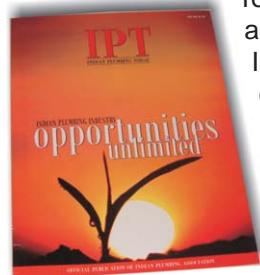


WPC Deputy Chairman, Robert Burgon, who chairs the judging panel for the Scholarship reports on a “good standard of application this year from individuals from a number of countries. The Panel will be giving careful consideration to the applications with a decision being announced in time for the 2006 WPC annual meeting.”

Booming demand for plumbing services in India

from the Indian Plumbing Association

As is recognized globally, India is emerging as an economic super power. There is an all-round boom in construction and infrastructure development sectors. As a result of this boom, there is a never-before demand for plumbing services and products.



The Indian Plumbing Association's magazine, IPT, is now a monthly publication

To maintain pace with this ever-increasing phenomenon, the activities at India's apex body of plumbing professionals, the Indian Plumbing Association, is geared-up. With the induction of WPC Executive Board Member Mr. Sudhakaran Nair as the new dynamic and energetic President of IPA from 1st April 2006, he has taken-up many exciting new activities simultaneously. During the recently concluded Plumbing Seminar + Expo 2006 at Pune in Western India where there were some 550 delegates, he initiated a historic move by announcing an alliance with the IAPMO Group for formulating a Uniform Plumbing Code of India. He has also announced that the official publication of IPA, Indian Plumbing Today (IPT), would increase its frequency from bi-monthly to monthly in order to increase interaction within the Indian plumbing fraternity.



WPC Executive Board member Sudhakaran Nair was elected President of the Indian Plumbing Association in April

HAP circulated to interested parties

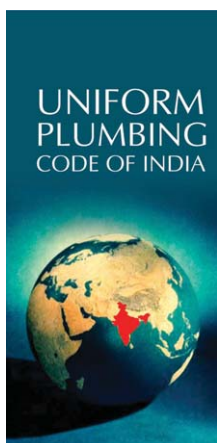
With a view to create awareness about the correlation between plumbing and hygiene, IPA has also decided to distribute 500 copies of the joint WPC/WHO publication, Health Aspects of Plumbing(HAP) amongst industry members and government agencies all over India. IPA has also decided to have HAP as the central theme of deliberations at its next major event, the 5th Indian Plumbing Conference, scheduled to be held at Bangalore 24 -25 January 2007.

Looking to the crucial importance of subject and its relevance to the emerging economy of India, the WPC has already accepted to join the event as Supporting Organization. WPC Chairman George Bliss III, Deputy Chairman Robert Burgon; IAPMO Executive Director GP Russ Chaney; Gentner Group Chief Executive Erwin Reisch and Senior Director of IAPMO Allen Inlow have already confirmed their participation. Mr.Nair is also confident of attracting other international experts to participate and share their knowledge with Indian plumbing professionals.

Bid for World Plumbing Conference

The National Executive of the Indian Plumbing Association has unanimously agreed to bid for the 2014 World Plumbing Conference. With India having one of the fastest growing economies in the world, the IPA believes that hosting the conference would provide the impetus needed to help its work.

Uniform Plumbing Code of India



The Indian Plumbing Association has entered into an agreement with fellow WPC member the International Association of Plumbing and Mechanical Officials (IAPMO) to formulate the Uniform Plumbing Code of India, with a target completion date of June 2007.

Commenting on the Code project, IPA President Sudhakaran Nair said, “The National Executive Committee of IPA is extremely grateful to IAPMO for volunteering to assist us in this task, which we at IPA consider to be an important milestone for the Indian Plumbing Industry. I must specifically mention two names, Russ Chaney and Allen Inlow of IAPMO, without whose personal initiatives this project would have remained a dream for us. I am glad that my personal association with Russ and Allen through the World Plumbing Council could culminate in this important achievement for IPA.”

As India's role in the world economy grows at an incredible pace, the need for an enhanced plumbing infrastructure that protects health and supports growth is critical. The IPA believes that when the code is completed, major areas of the country will begin using it immediately, with the rest of India following their lead over several years.

Middle East representation

The International Association of Plumbing and Mechanical Officials, which celebrates its 80th anniversary this year, has added representation in the Middle East to its world presence. With a base in Abu Dhabi, IAPMO will first concentrate on the United Arab Emirates, eventually aiming to expand into surrounding countries.

Help to rebuild homes

Several members of the WPC member organisation Plumbing-Heating-Cooling Contractors - National Association (PHCC) of the USA volunteered in July to rehabilitate hurricane-damaged homes for low-income Gulf Coast homeowners. The contractors provided professional plumbing assistance, such as installing a new bathroom. The programme was part of the national Rebuilding Together's *Rebuild 1000* campaign.

Earlier in the year, PHCC members in California, again working with the Rebuilding Together initiative, helped repair 13 houses for needy families in Sacramento.

New Members

WPC is delighted to welcome these new members who have joined since the last edition of the REVIEW.

Full Members

Plumbing Manufacturers Institute - USA
The Bathroom Manufacturers Association - UK

Affiliate Members

M/S Semac Private Limited - India
The Plumbing Academy Ltd. - England
Xiamen Runner Ind. Corp - China
Savoir-Faire Manufacturing Co. Pvt. Ltd. - India
Sloan Valve Company - USA
Plumbers Local 75 Education Fund - USA

ISH North America coincides with WPC meeting



Visitors to the World Plumbing Council meeting in Chicago in September will also be able to attend the ISH North America exhibition, organised by Messe Frankfurt in partnership with the American Supply Association (ASA), the Canadian Institute of Plumbing & Heating (CIPH), the International Association of Plumbing & Mechanical Officials (IAPMO), the Plumbing-Heating-Cooling Contractors – National Association (PHCC) and the Radiant Panel Association (RPA), each of which hold their annual conference and related networking events in conjunction with the show. The exhibition takes place between 28 and 30 September and will be home to over 500 exhibitors from 17 countries and delegates from 32 countries. The

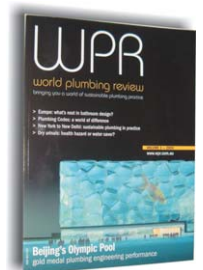
show floor divides exhibitors into distinct sections: Kitchen & Bath/Plumbing; Commercial/Industrial PVF (Pipes, Valves & Fittings); HVAC/Radiant; Technology Pavilion; Controls Pavilion.

Future ISH exhibitions include ISH Frankfurt, 6 - 10 March 2007 and ISH Kitchen & Bath in Dubai, 13 - 15 May 2007. For more details, visit www.messefrankfurt.com

World Plumbing Review

The first edition of World Plumbing Review, published in English and Chinese by Connections Magazines, Australia, earlier this year included four pages about the World Plumbing Council. The publication is the first global magazine dedicated to improving understanding and knowledge transfer across the plumbing engineering and specifying sectors.

The publishers have offered WPC another four pages in the second edition, due for publication early in 2007 and meanwhile a free copy of issue 1 can be downloaded, in either language, at www.wpr.com.au



8th World Plumbing Conference for Calgary

The World Plumbing Council stages a World Plumbing Conference every three years, each time at a different venue. The 8th World Plumbing Conference will be held in Calgary, Alberta, Canada from 24 to 27 September 2008. Enquiries should be directed to Hans Tiedemann, Executive Director, Mechanical Contractors Association of Alberta, Phone: +1 40 325 072 37, Fax: +1 40 329 105 51, Email: hans@mca-alta.com

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The mission of the World Plumbing Council is to unite the world plumbing industry to safeguard and protect the environment and the health of nations, for the benefit of all. Its objective is to provide and share information regarding research projects and technology that may be applicable to the Plumbing Industry and the people they serve

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