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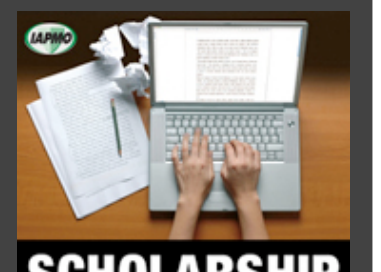
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Grade School Students Learn the Value of Plumbing

On March 11, the people all over the globe celebrated the inaugural World Plumbing Day, established by the World Plumbing Council as a means of promoting the plumbing industry's vital work on behalf of the planet and its people.

The event brought worldwide attention to plumbing industry work protecting the public's health and safety and promoting environmental sustainability, with IAPMO joining the cause through special promotions and an elementary school education program.

IAPMO enlisted the help of school administrators and faculty in illustrating these contributions through an educational activities contest for third, fourth and fifth graders, with three student participants being chosen at random to receive a Nintendo Wii game system compliments of IAPMO.

We are pleased to announce the winners:

Kaylee Kirst
Miss Wheaton's Class

St. Therese Academy
San Diego, Calif.

Morgan
Mrs. Johnson's Class
Pearl Preparatory School
El Monte, Calif.

Taryn Linares
Mr. Causey's Class
Sisson Elementary
Mt. Shasta, Calif.

Additionally, Subhash Despande, director of Training and Education, IAPMO-India, introduced these activity pages to grade school children in India and we are thrilled to share some of their artistic efforts here, as well.

IAPMO congratulates the winners and thanks all of the children, teachers and administrators who participated and helped spread the word about all of the good work performed by those in the plumbing industry.

More info about World Plumbing Day can be found at www.worldplumbingday.org.

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'Eco-Pioneer' Freeman Pinch Hits for Villaraigosa as Keynote Speaker at Second International Emerging Technology Symposium

Noted 'Eco-Pioneer' S. David Freeman, twice appointed by U.S. presidents to help guide energy policy for the federal government, has stepped in to serve as keynote speaker at the Second International Emerging Technology Symposium after Los Angeles Mayor Antonio Villaraigosa was forced to withdraw due to scheduling conflicts.

Co-convened by the International Association of Plumbing and Mechanical Officials (IAPMO) and the World Plumbing Council, the symposium of highly interactive presentations and engaging panel discussions will be held May 11-12 at the DoubleTree Hotel Ontario Airport in Ontario, Calif.

"We feel extremely fortunate and grateful that someone as influential as Mr. Freeman was available on such short notice," said Russ Chaney, IAPMO executive director. "We are disappointed that the Mayor cannot participate, but truly believe we've found a perfect replacement with Mr. Freeman and his considerable legacy of stewardship toward energy and environmental conservation."

As the recently appointed Interim General Manager of the Los Angeles Department of Water and Power (LADWP), Freeman oversees the largest municipal utility in the United States, managing more than 8,500 employees and an annual budget of more than \$4 billion.

At the appointment of President Johnson in 1967, Freeman became the first person with responsibility for energy policy in the federal government. He served as an energy advisor to President Nixon and in 1977 President Carter appointed him Chairman of the Tennessee Valley Authority (TVA), where he cut sulfur oxide emissions in half, stopped construction of eight nuclear power plants and pioneered a massive energy conservation program. Freeman also assisted in the creation of the U.S. Environmental Protection Agency.

Nicknamed the "Green Cowboy," Freeman has long supported a "non-political, non-ideological" approach to efficiency and conservation. In a 2004 interview with the University of California, Berkeley, he said, "When I was nominated to the TVA board, Senator (John) Stennis (D-Miss.) held up my nomination because he'd heard that I was a radical environmentalist. I met with him and I said, 'Senator, I'm just a practical environmentalist.' He says, 'Practical environmentalist? I think we can live with that, Dave.' And so he confirmed me. A lot of times, the magic is in the use of the right word. I think I am practical."

The two-day symposium will allow participants to view presentations and engage in lively discussions on how the water utility, manufacturing, engineering and trade industries have devised solutions to challenges in the water efficiency, plumbing and mechanical industries.

Registration to attend the event is \$395 (\$295 for IAPMO members) and includes breakfast, lunch and refreshment breaks. Hotel reservations can be made directly with the DoubleTree Hotel Ontario Airport. Mention the IAPMO event for a special room rate of \$105 per night plus tax.

For more information, visit <http://www.iapmo.org/Pages/EmergingTechnologySymposium.aspx>. For sponsorship opportunities or any other information about the event, please contact Maria Sol Alba at (708) 995-3005 or Career.Services@iapmo.org.

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NOW AVAILABLE ONLINE!

A subscription to Official is just one of the many benefits available to members of IAPMO, which include substantial discounts on most IAPMO publications and educational programs, the opportunity to update and improve the UPC and UMC, participation in local IAPMO chapters and an invitation to attend IAPMO's Annual Education and Business Conference. The conference offers superb educational seminars. Find out more at www.iapmo.org.

DW&BP MAGAZINE



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IAPMO Solicits Proposals for 2012 Solar, Swimming Pool Codes

IAPMO, publisher of the *Uniform Solar Energy Code (USEC)* and *Uniform Swimming Pool, Spa and Hot Tub Code (USPSHTC)*, is calling for formal code proposals toward the development of the 2012 editions of these model codes.

The code proposal form, as well as proposal instructions and background on IAPMO's ANSI-accredited consensus development process, can be found at www.iapmo.org/Pages/CodeDevelopment.aspx. All proposals recommending new text, revised text or the deletion of text must be written in legislative format and clearly state the reason behind the recommendation.

No proposals will be accepted after the 5 p.m. EDT deadline on Aug. 2. All proposals will be distributed to Technical Committee members in September and reviewed at their meetings on Oct. 18.

The *USEC* is a model code developed by IAPMO to govern the installation and inspection of solar energy systems as a means of promoting the public's health, safety and welfare. The *USPSHTC* governs the installation and inspection of both public and private swimming pools, spas and hot tubs to ensure the safety of their operation.

The advantages of these codes, acceptable in various jurisdictions, had long been recognized, prompting IAPMO to pass a resolution at its 1975 annual business conference that directed the president to form committees to develop basic solar energy and swimming pool documents. After months of concerted endeavor, these committees, composed of representatives from industry and public utility companies, inspectors, plumbers and engineers, successfully completed the first editions of the *USEC* and *USPSHTC*, which were officially adopted by IAPMO in September 1976.

IAPMO employs a consensus development process accredited by the American National Standards Institute, gathering the largest assembly of plumbing and mechanical experts in the world at its annual education and business conference and technical committee meetings, enabling anyone — members and non-members alike — to have a voice and a vote on proposed changes to the code. The 2009 editions of the *USEC* and *USPSHTC* represent the first time these codes were developed in this manner.

IAPMO urges its members and other interested parties to get involved in the code development process to ensure effectiveness in preserving the public health, safety and welfare through strict governance of the Uniform Codes. Installers, plumbing and mechanical officials, the construction industry, engineers and manufacturers all benefit from a cooperative effort in developing codes.

For questions about submitting proposals for the *USEC*, contact Adam Muliawan, by phone at (909) 472-4111 or by e-mail at adam.muliawan@iapmo.org. For questions about submitting proposals for the *USPSHTC*, contact Matt Sigler by phone at (909) 230-5535 or by e-mail at matt.sigler@iapmo.org.

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Henry to Resign as IAPMO R&T Oceana Managing Director

Stuart Henry, managing director of Australia-based third-party product certification agency IAPMO R&T Oceana, has given notice of his intention to resign from his position due to his family's desire to relocate to the United States later this year. Henry will vacate the position at the end of June.

Henry, a former member of the Australian Parliament and chairman of the World Plumbing Council, joined IAPMO R&T Oceana, The IAPMO Group's base of operations in the South Pacific, in July 2008.

IAPMO Executive Director GP Russ Chaney expresses his appreciation for the growth achieved by the new Oceana business unit under Henry's leadership and the hard work of the Oceana team in accepting and meeting the challenges presented as a start-up business in a very competitive market. IAPMO R&T Oceana has made significant inroads into product certification for the plumbing and gas sectors since its establishment in 2007, Chaney said.

"We accept Stuart's resignation with regret, but fully understand and appreciate the reasons for this decision and look forward to his continued association with IAPMO in strategic areas of activity after his relocation to the United States later this year," Chaney said. "We wish him and his family all the best as they undertake this move."


Michael Kefford, IAPMO R&T Oceana director, will increase his operational oversight of IAPMO's Oceana activities in the interim while options are explored to fill the void created by Henry's departure, according to Chaney.

Based in Melbourne, IAPMO R&T Oceana is accredited by the Joint Accreditation System of Australia and New Zealand (JAS-ANZ). It certifies plumbing and drainage products to use the WaterMark™ symbol and strongly supports the federal government's introduction of the Water Efficiency Labeling



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Scheme (WELS), an important initiative affecting manufacturers of plumbing products, sanitary ware and white goods.

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Acorn Engineering "Satisfied Beyond Expectation" by Electrical Certification Through IAPMO R&T

Acorn Engineering Company, City of Industry, Calif.,-based manufacturer of stainless steel plumbing fixtures for the commercial, architectural, industrial, correctional, institutional and residential sectors, recently turned to IAPMO R&T for electrical certification of its surgical scrub sinks.

The result: Just another satisfied customer.

"The professional and friendly staff of the IAPMO R&T electrical department understood our needs and helped us achieve our listing goals very promptly," said Farhad Shahriary, compliance engineer for Acorn. "We were satisfied beyond expectation."

Acorn trusted IAPMO R&T, North America's premier plumbing and mechanical product certification agency, with its electrical certification needs because the manufacturer already has a multitude of plumbing product listings through the ANSI- and SCC-accredited third-party certification body and has long enjoyed the lower testing/listing costs and ease of application offered by IAPMO R&T, according to Shahriary.

As a result of the listing, consumers, contractors and inspectors alike now know that Acorn's models 4101, 4102 and 4103, as well as their Whitehall series models SS-1, SS-2 and SS-3, health care institution scrub sinks comply with every standard governing their use in the United States and Canada.

IAPMO R&T's electrical scope accreditation extension from ANSI includes other such electro-plumbing products as Whirlpools (covered by UL 1795), spas (covered by UL 1563) and the components within them. Additional products qualifying within the scope of this accreditation include electrical faucets, flushometer valves and similar plumbing fixtures utilizing electrical components.

The ANSI accreditation enables IAPMO R&T to expand its menu of certification services in order to ease the burden placed on many clients who previously have had to certify their products for the plumbing aspects of their use through IAPMO R&T and the electrical aspects through another third-party certification body. This, of course, added cost and time to the process, thus slowing the product's delivery to market.

For more information on having electro-plumbing products certified and listed, contact Daniel.Woodcock@IAPMORT.org or (909) 472-4129.

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April 22 Deadline Approaches for Contractors to Become Lead-Safe Certified

The U.S. Environmental Protection Agency announced it expects more than 125,000 renovation and remodeling contractors to be trained in lead-safe work practices by April 22, the effective date for a rule requiring such training. The agency is on target to implement the Lead Renovation, Repair and Painting Rule on April 22, 2010, which will protect millions of children from lead poisoning.

Anyone receiving compensation for renovating, repairing and painting work in residences built before 1978 that disturbs painted surfaces is subject to the new Renovation, Repair and Painting Rule (RRP). Also affected by the RRP are those performing similar work on facilities occupied by children under six years of age, such as schools and day-care centers built prior to 1978.

"This rule strengthens EPA's goal to protect children from exposure to lead-based paint," said Acting Regional Administrator Stan Meiburg. "To be certified a contractor needs to take a simple one-day course. Beginning April 22, 2010, consumers should ask for proof of certification before work begins."

Despite nearly 30 years of effort to reduce childhood lead exposures, a million American children are still poisoned by lead paint each year, putting them at risk for a wide range of health impacts, including lowered IQ and behavioral disorders. Some of that poisoning is a result of dust contaminated by old lead paint that is stirred up during remodeling activities. There are simple steps contractors can take during such renovations to minimize exposures to lead paint.

To ensure contractors were following such procedures, the EPA finalized the Lead Renovation, Repair and Painting Rule (LRRP) rule in 2008. The rule requires contractors to become trained and certified as lead-safe by EPA. Individuals take an eight-hour training course offered by private training providers to become a certified renovator. The certification is valid for five years.



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To date, EPA has certified 184 training providers who have conducted more than 4,900 courses. An estimated 100,000 people in the construction and remodeling industries have been trained in lead-safe work practices. Based on current estimates, EPA expects more than 125,000 contractors to be certified by the April 22 deadline. EPA has a number of efforts under way to expedite the training and certification process. Included are a print and radio campaign to highlight the benefits of hiring lead-safe certified firms. As a result, it is expected that training capacity will continue to increase significantly as the April 22 deadline approaches. It is likely that many more contractors and renovators will seek and obtain training after the deadline.

To locate local EPA-accredited RRP training providers using EPA's search tool:

http://cfpub.epa.gov/flpp/searchrrp_training.htm

Information on firm certification: www.epa.gov/getleadsafe

More information on EPA's lead program: <http://www.epa.gov/lead>

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Secretary Chu Announces More Stringent Appliance Standards for Home Water Heaters and Other Heating Products

New standards to save consumers up to \$10 billion over 30 years

U.S. Department of Energy Secretary Steven Chu announced last week that the Department has finalized higher energy efficiency standards for a key group of heating appliances that will together save consumers up to \$10 billion and prevent up to 164 million metric tons of carbon dioxide emissions over 30 years. These new standards - for residential water heaters, pool heaters and direct heating equipment such as gas fireplaces - will reduce air pollution, prevent the release of harmful nitrogen oxides and mercury, and avoid emissions equivalent to taking 46 million cars off the road for one year.

"These energy-conserving appliance standards are a critical part of the Administration's overall efforts to save energy in homes and businesses nationwide," said Secretary Chu. "By raising the energy efficiency requirements of our everyday appliances, we will save money for American families and companies, reduce carbon pollution, and enhance our energy security for decades to come."

The standards released on Wednesday increase the stringency of the existing minimum conservation standards for these three types of residential heating products, which account for about 18 percent of energy use in homes across the country. The standards will significantly reduce energy consumption by these products, including decreasing energy use in large electric storage water heaters by 47 percent and by more than 30 percent in large gas water heaters. The standards for water heaters will go into effect in 2015, while the standards for pool heaters and direct heating equipment — including gas-fired wall, floor and hearth heaters — will apply to products manufactured in 2013 and beyond.

Under the Obama Administration, the Department of Energy has accelerated the pace for finalizing new appliance standards and has placed new resources and emphasis behind the enforcement of these important standards. Since President Obama came to office, DOE has issued or codified new efficiency standards for more than twenty different products, which will save consumers between \$250 and \$300 billion on their energy bills through 2030:

- March 2009 — 14 consumer and commercial products with standards prescribed in the Energy Independence and Security Act of 2007 (EISA 2007), including dishwashers, general service incandescent lamps and residential clothes washers
- April 2009 — Microwaves, kitchen ranges and ovens
- July 2009 — General service fluorescent lamps and incandescent reflector lamps
- July 2009 — Commercial heating, air-conditioning and water-heating equipment
- August 2009 — Beverage vending machines
- December 2009 — Commercial clothes washers
- February 2010 — Small electric motors
- March 2010 — Residential water heaters, direct heating equipment and pool heaters

In addition to accelerating the pace of new final standards, the Obama Administration has significantly increased the enforcement of existing conservation standards. For example, on Monday, the Department ordered that AeroSys, Inc. stop distributing an air conditioner and heat pump that independent testing showed were consuming more energy than allowed under federal efficiency standards. To ensure that the appliance standards are as effective as possible, DOE will continue to work aggressively and consistently to enforce energy efficiency standards across the country.

To learn more, [read the rule finalized.](#)

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WPC Launches Education and Training Scholarship for 2010

The World Plumbing Council is pleased to invite applications for its 2010 Education and Training Scholarship. The Scholarship (which has been renamed after a review) is available to anyone involved

in plumbing industry education and training. The award for 2010, which is worth a maximum of \$10,000, will enable the successful applicant to travel to another country to investigate aspects of industry education and training.

WPC Chairman, Robert Burgon commented: "The WPC has previously awarded six Scholarships which have allowed individuals involved in industry training to travel to a range of countries and see how industry training is managed. We have reviewed the terms of the award and believe that this significant Scholarship should lead to benefits for industry education and training worldwide. We look forward to receiving a good number of quality applications before the closing date of July 31, 2010."

For more information, direct your Web browser to www.worldplumbing.org.

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Construction Employment Rises for First Time Since June 2007; Unemployment Rate Remains at Depression-Like 24.9 Percent

March Gain May Reflect Rebound from Bad February Weather, Not Lasting Turnaround, Industry Economist Simonson Cautions

Payroll employment in the construction industry in March rose by 15,000, seasonally adjusted, the first gain since June 2007, according to federal employment figures released this month. The Associated General Contractors of America hailed the increase but cautioned it may not be sustained.

"This upturn was shared among all three nonresidential categories — building construction, specialty trade contractors, and heavy and civil engineering construction," said Ken Simonson, the association's chief economist. "But both nonresidential and residential construction employment remain lower than in January, suggesting some of the pickup may have been a short-term rebound from exceptionally severe weather in February."

Simonson noted that the industry's unemployment rate, which is not seasonally adjusted, dropped slightly from 27.1 percent in February to 24.9 percent in March but remained more than double the all-industry level. "The persistence of depression-like unemployment in construction is ominous for an industry that already faced challenges retaining and attracting skilled crafts workers and supervisors."

Simonson pointed out that the industry continues to outpace the overall economy in wage rates. Hourly earnings for all workers in construction in March averaged \$25.27, seasonally adjusted, 12.5 percent higher than the average for all nonfarm payroll workers. Craft workers averaged \$23.18 or 23 percent more than all production and nonsupervisory workers.

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Industry Calendar

IAPMO 2012 Uniform Codes Technical Committee Meeting
 April 26 - 30, 2010
 Milwaukee, WI
www.iapmo.org

International Emerging Technology Symposium
 May 11-12, 2010
 Ontario, CA
www.iapmo.org

NFPA World Safety Conference & Expo
 June 7-10, 2010
 Las Vegas, NV
www.nfpa.org

2010 ASHRAE Annual Conference
 June 26-30, 2010
 Albuquerque, NM
www.ashrae.org/

IAPMO 81st Annual Education & Business Conference
 Sept. 26-30, 2010
 Seattle, WA
www.iapmo.org

WaterSmart 2010
 Oct. 6-8, 2010
 Las Vegas, NV
www.watersmartinnovations.com

Upcoming Seminars

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April 22, 2010	Sacramento, CA	2007 CPC Traps and Interceptors & 2007 CMC Exhaust Systems
April 23, 2010	Sacramento, CA	Green Plumbing and Mechanical Concepts
April 24, 2010	Brockton, MA	Plumbers and Gasfitters Continuing Education for the Commonwealth of Massachusetts (Session II)
April 26 & 28, 2010	Boston, MA	Plumbers and Gasfitters Continuing Education for the Commonwealth of Massachusetts (Session II)
April 28 & 29, 2010	Plymouth, MA	Plumbers and Gasfitters Continuing Education for the Commonwealth of Massachusetts (Session II)
May 24, 2010	Juneau, AK	2009 UPC Update
May 25, 2010	Juneau, AK	2009 IMC Update
May 27, 2010	Anchorage, AK	2009 UPC Update
May 28, 2010	Anchorage, AK	2009 IMC Update
Contact the IAPMO Training staff to register at 1-877-427-6601, or go to our website http://www.iapmo.org/Pages/Seminar.aspx to register online. New training dates are added periodically!		

