



November 2015 | HEADLINES

- » [Community Plumbing Challenge Makes Difference for Indian School Children](#)
- » [Coalition Amplifies the Mechanical Industry's Voice in Washington](#)
- » [2015 IAPMO Scholarship Essay Competition](#)
- » [IAPMO Delegation Travels to Middle East For Water Discussions under US Federal Grant](#)
- » [New Construction Starts in 2016 to Grow 6% to \\$712 Billion According to Dodge Data & Analytics](#)
- » [The IAPMO Group Hires Tina Donda as Vice President of Water Systems](#)
- » [IAPMO's Uniform Evaluation Service Issues ER-2015 to the Tile Roofing Institute](#)
- » [Astronauts Complete Marathon Plumbing Spacewalk](#)

CONTACT US

International Association
of Plumbing and Mechanical
Officials

4755 E. Philadelphia St.
Ontario, CA 91761 USA
Phone: 1-909-472-4100

Fax: 909-472-4150

E-mail: iapmo@iapmo.org
Website: www.iapmo.org

IAPMO's Codes & Services
Department toll-free phone number:
1-800-85-IAPMO
1(800-854-2766)
Publications - ext 1
Education/Seminars - ext 2
Inspector & Contractor
Certification - ext 3
Code Development
Questions - ext 4
Code Questions - ext 5
Membership - ext 6

Become a fan of IAPMO:



Check out IAPMO videos



OFFICIAL MAGAZINE

Community Plumbing Challenge Makes Difference for Indian School Children

Teams from the United States, Australia, Basque Country, and India recently participated in the first-ever Community Plumbing Challenge in Nashik, India, an initiative of The IAPMO Group and World Plumbing Council that was hosted and facilitated by the Indian Plumbing Association, and sponsored by the WorldSkills Foundation.

The Nov. 2-5 challenge was a follow-up to the Water Innovation Challenge of June 2014.

With IAPMO acting as project coordinators, the teams worked together to build a new sanitation facility for Mukti Dham School No. 125, home to 400 students between the ages of 7 and 15.

IAPMO was well represented at the event, as IAPMO Chief Operating Officer and Senior Vice President of Business Strategy Dave Viola; Senior Vice President of International Business Development Megan Lehtonen; Managers of International Projects Grant Stewart and Seán Kearney; and former Board Member Bill Erickson (who served as the U.S. Team Leader, as he did in the 2014 Water Innovation Challenge); attended the challenge.

Team USA consisted of plumber and mason Peter Hollmaier; plumber Adam Koenigs; designer Miya Preston; engineer Jill Vande Boom; and coaches Randy Lorge, Doug Nelson, and Judith Torres.

The next Community Plumbing Challenge is scheduled to be held in July 2016 in

South Africa and followed up with a presentation in conjunction with the World Plumbing Conference.

Videos of this year's event are available at the following links:

<https://www.youtube.com/watch?v=7HeEru2VwqM>

<https://www.youtube.com/watch?v=E6--zHRtXR4>

[<Return to top>](#)

Coalition Amplifies the Mechanical Industry's Voice in Washington

HPBCCC provides the HVAC industry a collective forum before Congress

Source: Herb Woerpel, Managing Editor, www.achrnews.com

The High-Performance Buildings Caucus of the U.S. Congress (HPBCC) was formed to heighten awareness and inform policymakers about the major impact buildings have on our health, safety, and welfare. Cochaired by U.S. Reps. David McKinley, R-West Virginia, and Peter Welch, D-Vermont, the caucus aims to provide the best present and future protection and benefit to American citizens, visitors, and the natural environment. Further, the policies created are designed to help support the development of private-sector standards, codes, and guidelines that will protect and improve the quality and utility of our built environment in harmony with the natural environment.

And, in an effort to provide this specialized congressional group with appropriate guidance, the HVAC industry has banded together to form the High-Performance Building Congressional Caucus Coalition (HPBCCC).

HPBCCC

The HPBCCC, a private-sector coalition of nearly 200 associations and corporations, was created seven years ago to promote and showcase the best practices in building design. The group aims to heighten awareness and inform policymakers working as active HPBCC members. Each month, HPBCCC members meet in Washington, District of Columbia, to discuss pending regulations, bills, and more. Recommendations made at these meetings are shared with congressional leaders in support of or against specific political provisions.

"Sometimes, legislative language is drafted, and it hasn't had the proper vetting, so it comes out troublesome and cumbersome" said Dain Hansen, chair, HPBCCC, and senior vice president of government relations for the International Association of Plumbing and Mechanical Officials (IAPMO). "Our goal is to help shape any policy-related language in a way that's beneficial to the industry and, most importantly, end users."

The HPBCCC offers various ways to become involved, including educational/outreach and policy committees that cover different areas of congressional administration.

"We now have a policy committee, essentially a lobbying arm, for those who don't have lobbyists, or people based in D.C. focusing on policy initiatives," said Hansen. "Some join our coalition for informational reasons, and others, such as think tanks, may have 501(c)(3) status and aren't legally allowed to lobby. They join the coalition to provide updates on industry matters, which is beneficial to us on many levels."

Annually, the coalition hosts High-Performance Building Week, a celebration of high-performing buildings in Washington.



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.

BPPS MAGAZINE



Backflow Prevention & Plumbing Standards (BPPS) magazine is the only monthly trade publication dedicated to the backflow prevention and plumbing industries. BPPS is specifically designed to address each of our audiences - including contractors, plumbers, sprinkler fitters, irrigation personnel, backflow prevention assembly installers and testers, water utilities, water operators, inspectors and manufacturers - in each and every issue.

Subscribe today: 703-915-9138

Personnel certification and

"Previously, groups would talk about their issues individually — the HVAC guys would go one way and the water experts would go another — but, as of late, we've really worked to band together," said Hansen "This makes it easier for Congress to hear our issues. Rather than coming at them with a thousand little groups, our voice is much more unified."

INDUSTRY PARTICIPATION

While Hansen admits participation varies by the season, the HPBCCC is growing stronger by the day.

"Over the years, we've talked a lot about tax incentives, including HVAC systems," said Hansen. "There's been a lot of support on Energy Star ratings and commercial building tax incentives, such as support for 45L. Our efforts have been very well received by Congress."

And, the group's members agree the coalition has been an effective tool for the industry.

"ACCA has been a member of the HPBCCC for at least seven years," said Charlie McCrudden, senior vice president for government relations, ACCA. "We joined because we have an interest in promoting the benefits of higher-efficiency building improvements to policy makers. The HPBCCC is the way stakeholders can support the caucus and the initiatives of the individual caucus members. The coalition is careful how it supports specific initiatives or bills, so there are few internal conflicts. But, it does bring together the right stakeholders to better inform members of the caucus, and their staff."

Jon Melchi, vice president of government affairs and business development for Heating, Air-conditioning, and Refrigeration Distributors International (HARDI), supports the coalition's call for solidarity.

"Having groups like the HPBCCC is valuable for providing a forum for all of the diverse communities that make up this industry to get together, exchange ideas, advocate for good policy, and serve as a resource for policy makers," he said. "One of the strengths of this group is that it has a continued presence in Washington and on the Hill, which is a signal to leaders that our coalition is one that should be respected and valued."

"This coalition is an important way for us to work with the House High- Performance Buildings Caucus," said Cade Clark, vice president of government affairs, Air-Conditioning, Heating, and Refrigeration Institute (AHRI). "We're grateful for the opportunity to participate in this coalition as attention and support for high-performance buildings is one of many paths to improved energy efficiency."

Due to the HPBCCC's guiding emphasis on enacting efficiency legislation, the members of Congress at the helm have built coalitions to deliver more than a dozen energy-efficiency incentives to the President's desk, often against long odds on Capitol Hill, said Stan Kolbe, director of legislative affairs, Sheet Metal and Air Conditioning Contractors' National Association (SMACNA).

"The HPBCCC has also helped to organize a unified coalition of national organizations, in addition to SMACNA, to more effectively promote policies that are largely in sync on energy efficiency, Kolbe said. "With increased visibility and impact, the HPBCCC has focused the attention of Congress and the policymakers on the value of the energy-efficiency policy menu to government, private-sector building owners, homeowners, and the construction industry workforce," said Kolbe.

For more information on the HPBCCC, visit www.hpbccc.org.



The 2015 Uniform Plumbing and Mechanical Code books are available for sale! Call us today at 1-800-85-IAPMO or visit iapmomembership.org.



2015 IAPMO Scholarship Essay Competition

Since it was first introduced at IAPMO's 2009 conference in San Diego, the IAPMO Scholarship Essay Competition has provided young people with the opportunity to demonstrate their thoughtfulness while vying for prize money they can use to advance their education. Initially open to members and their children of IAPMO and many of our industry partners, the competition was designed as a way to reach out to the next generation of plumbing and mechanical specialists who will ultimately guide our industry into the future.

The competition has been a tremendous success, eliciting entries from literally all over the world — and more with each year it has continued. Contestants in 2015 wrote on the topic "How is our planet's energy future tied to the innovation and skill of the plumbing and mechanical industry?" IAPMO received a wide range of entries, representing myriad points of view and personal experiences. Again the essay committee had a tough time selecting and ranking the winners.

The three selected — a \$500 third-place winner, \$750 second-place winner and \$1,000 first-place winner — are:

- First Place: Justine Martinez, California State University at Los Angeles
- Second Place: Annaly Kramer, University of Minnesota
- Third Place: Shantell Robinson, Oral Roberts University

Each of the winning essays will be published in Official magazine over several issues next year. Congratulations to all of our winners!

IAPMO wishes to thank everybody who submitted an entry and raised the level of this competition to something truly exceptional.

IAPMO will again sponsor the competition in 2016, asking participants to submit essays expressing their thoughts on the following topic:

"The International Association of Plumbing and Mechanical Officials has been in existence since 1926. Of all The IAPMO Group's core competencies, which division do you feel is making the greatest impact and why?"

Once again, the Board of Directors has opened the competition to any student enrolled in a high school, community college, trade school, four-year accredited college or university or working in an apprentice program.

Submitted essays must be the completely original work of the submitter and must be no fewer than 800 words nor greater than 1,600 words. The essay entry deadline is May 1, 2016, via e-mail, fax or mail to IAPMO World Headquarters. The winning essay will be announced next September at the 2016 IAPMO Education and Business Conference in Albuquerque, N.M. The author of the essay awarded first prize will receive a \$1,000 scholarship and a one-year paid membership to IAPMO. Second-place winner will receive a \$750 scholarship and the third-place winner will receive a \$500 scholarship. All winning essays will also be published in Official, IAPMO's membership magazine, and on the IAPMO website.

Individuals who meet the qualifications to submit an essay to the competition should include your name and your school's or education/training organization's name. All essays should be sent to Ms. Gabriella Davis at IAPMO by e-mail at essay@iapmo.org; by fax at (909) 472-4222; or by standard mail to her attention at



Click here to
become a
GreenPlumber

Certification Shows
Your Expertise



UPC Journey Level Plumber
 UMC Journey Level Mechanical
 UPC Master Level Plumber
 UMC Master Level Mechanical
 Accessibility Inspector
 UPC Plumbing Inspector
 UMC Mechanical Inspector
 California Plumbing Inspector
 California Mechanical Inspector
 Minnesota Plumbing Inspector
 Plumbing Plans Examiner
 Mechanical Plans Examiner



Certification Sets
You Apart

ISO 9001
CERTIFICATION



Click to
request a
brochure



IAPMO Delegation Travels to Middle East For Water Discussions under US Federal Grant

Under a grant from the U.S. federal government, via the U.S. Standards Alliance, a delegation of leaders from The IAPMO Group has traveled to Jordan to participate in critical water discussions. The delegation highlighted U.S. standards, codes, and testing practices that can assist Middle Eastern communities in finding solutions to their water scarcity issues.

Attending and exhibiting at the International Water Association's Water and Development Congress and Exhibition 2015, IAPMO joined water stakeholders from around the world. In addition to the Congress and Exhibition, the IAPMO delegation, consisting of Ohannes Dembekjian, senior vice president for Continuous Compliance; Dain Hansen, senior vice president of Government Affairs; and Christopher Lindsay, manager of Government Affairs, held meetings in Amman with Jordanian government officials and officials from the U.S. government based in Amman.

"Water is a critical resource around the globe, particularly in the Middle East," Dembekjian said. "It is our hope and goal to work with these key stakeholders to offer IAPMO resources as a tool help address these complex problems in the region."

"To help those suffering from lack of water and proper sanitization is of the highest priority for IAPMO and the U.S. government," Hansen added. "The partnership of IAPMO, USAID, and ANSI is forged with the common goal to help those around the globe facing water and sanitation challenges, and we are thrilled for the support to make this goal become a reality."

The Standards Alliance is a U.S.-sponsored technical assistance initiative created by USAID in partnership with the American National Standards Institute (ANSI). The Standards Alliance provides technical and financial resources to advance reforms that help businesses participate in the global trading system while building the capacity of developing countries to implement the World Trade Organization (WTO) Agreement on Technical Barriers to trade.

For more information, contact Dain Hansen at (202) 445-7514 or dain.hansen@iapmo.org.

New Construction Starts in 2016 to Grow 6% to \$712 Billion According to Dodge Data & Analytics

The Dodge Momentum Index fell 4.8% in October to 125.2 (2000=100) from its September reading of 131.5. The Momentum Index is a monthly measure of the first (or initial) report for nonresidential building projects in planning, which have been shown to lead construction spending for nonresidential buildings by a full year. The October decline for the Momentum Index nearly reverses September's large gain (up 5.2%), which had been fueled by a sharp jump for institutional building projects at the planning stage. The institutional building sector so far in 2015 has trended upward, but with some volatility on a month-to-month basis that's reminiscent of this sector's upturn in the early stages of its prior recovery back in the previous decade. In October, planning for institutional building projects dropped 4.5% after surging 10.6% in September, while commercial building projects retreated 5.0% after September's 1.7% gain. Compared to the same month a year ago, the Momentum Index in October was

Looking for the perfect job?



It's fast and easy with the

**IAPMO
CareerCenter**

[Click to post or find a job](#)

**ISO
TRAINING**



**Click to
reserve
your seat**



**WATER FOR LIFE
2005-2015**



still up 4.8%, with increases for both the commercial and institutional sectors, up 6.3% and 2.6% respectively.

There were a total of eight projects entering planning in October with a value that exceeded \$100 million. For the commercial building sector, the leading projects were a \$500 million mixed-use facility at the Mall of America in Minneapolis MN and a \$151 million warehouse and distribution complex in Newark NJ. For the institutional building sector, the leading projects were a \$350 million hospital in Washington DC and a \$110 million hospital in Bethesda MD.

About Dodge Data & Analytics: Dodge Data & Analytics is the leading provider of data, analytics, news and intelligence serving the North American construction industry. The company's information enables building product manufacturers, general contractors and subcontractors, architects and engineers to size markets, prioritize prospects, target and build relationships, strengthen market positions, and optimize sales strategies. The company's brands include Dodge, Dodge MarketShare™, Dodge BuildShare®, Dodge SpecShare®, and Sweets. To learn more, visit www.construction.com.

[<Return to top>](#)

The IAPMO Group Hires Tina Donda as Vice President of Water Systems

The IAPMO Group is pleased to announce the hiring of Tina Donda as vice president of Water Systems.

Donda comes to The IAPMO Group after spending 14 years with the Lisle, Ill.,-based Water Quality Association, where she most recently served as business development director after nearly two years as the global business development manager. During her time as business development director, Donda facilitated a cross-department reorganization design; collaborated with peers to develop the three-year strategic goals; and was the main point of contact for outside companies. Prior to that, she was a product certification supervisor for the WQA from 2003 to 2013.

Donda's primary responsibilities with IAPMO will be to promote the organization's Water Systems product certification program and assist companies through the testing and certification processes.

"I am more than thrilled to be joining the IAPMO team," Donda said. "I am looking forward to growing the drinking water systems program to unexpected levels. I was specifically drawn to IAPMO based on the rave reviews I kept hearing regarding the atmosphere of the company as a whole, as well as the wonderful nature of individuals that I will be working with."

Thomas Palkon, senior vice president of Water Systems for The IAPMO Group, worked with Donda at the Water Quality Association.

"I'm excited that Tina has joined The IAPMO Group," Palkon said. "The skills that she brings will have a profound impact on the continued growth and success of IAPMO's product certification program."

[<Return to top>](#)

IAPMO's Uniform Evaluation Service Issues ER-2015 to the Tile Roofing Institute

IAPMO's Uniform Evaluation Service (UES) is pleased to announce that Oregon-based Tile Roofing Institute was granted UES Evaluation Report ER-2015 to reference

the 2012, 2009, and 2006 editions of the International Building Code® (IBC) and International Residential Code® (IRC). ER-2015 evaluates "*The Concrete and Clay Roof Tile Installation Manual*" dated July 2015. ER-2015 addresses the installation requirements for concrete and clay roof tiles and must be used in conjunction with a concrete or clay roof tile manufacturer's approved Evaluation Report to satisfy the codes recognized in section 1.1.

ER-2015 provides the code official with a tool to verify proper concrete and clay roof tile use and installation and determine code compliance. ER-2015 also provides architects, contractors, specifiers, and designers with the information required to specify these products.

"The Tile Roofing Institute and its members are extremely pleased with ER-2015, which recognizes our '*Concrete and Clay Roof Tile Installation Manual*' dated July 2015," said Rick Olson, Tile Roofing Institute executive vice president. "UES provides industry leading technical experts to conduct evaluations and they combine their expertise with great customer service. UES has the advantage of professional engineers with years of model code related experience who really know this business, the codes, and the requirements for recognition. UES staff was on target and accessible during the entire project. TRI is pleased with our decision to go with UES."

The UES program is built upon IAPMO's more than 70 years of experience in evaluating products for code compliance. Accredited by the American National Standards Institute (ANSI), the program operates under ISO/IEC Guide 65, "General Requirements for Bodies Operating Product Certification Systems."

UES Director Richard Beck, PE, CBO, MCP, explains why Uniform Evaluation Reports are so valuable: "The Tile Roofing Institute can now reference its ER-2015 to ensure that code officials quickly have the information required for their decision on approval." Michael Merrigan, manager of Engineering, adds: "The folks at TRI and their consultants are immensely knowledgeable about tile roofing. They really made this evaluation run smoothly, start to finish. UES is very excited to have TRI as a client."

IAPMO's UES offers a full range of recognition opportunities, including recognition for the applicable national model codes, as well as Florida, California, and various other state codes. By combining all of these recognitions into one concise report prepared by an internationally recognized product certification body, the UES program reduces cost and increases value.

[<Return to top>](#)

Astronauts Complete Marathon Plumbing Spacewalk

Two U.S. astronauts aboard the International Space Station (ISS) completed a 7 hr and 48 minute space walk, making repairs that NASA called "high-flying" plumbing.

NASA astronauts Scott Kelly and Kjell Lindgren ended their spacewalk at 2:10 p.m. EST with the repressurization of the U.S. Quest airlock. The astronauts restored the port truss (P6) ammonia cooling system to its original configuration, the main task for the day's spacewalk. They also returned ammonia to the desired levels in both the prime and back-up systems.

In a minor departure from the planned tasks, the astronauts ran out of time to cinch and cover a spare radiator known as the Trailing Thermal Control Radiator. The radiator, which Lindgren retracted earlier in the spacewalk, was fully redeployed and locked into place in a dormant state.

The radiator had been deployed during a November 2012 spacewalk by astronauts Sunita Williams and Aki Hoshide as they tried to isolate a leak in the truss' cooling supply by re-plumbing the system to the backup radiator. The leak persisted and was subsequently traced to a different component that was replaced during a spacewalk in May 2013.

The spacewalk was the second for both astronauts, and the 190th in support of assembly and maintenance of the orbiting laboratory. Crew members have now spent a total of 1,192 hours and 4 minutes working outside the orbital laboratory.

Stay up-to-date on the latest ISS news at: www.nasa.gov/station

[<Return to top>](#)

I-Connection Electronic Newsletter

You will continue to receive the I-Connection Newsletter each month until such time as you unsubscribe. To make sure the I-Connection Newsletter is not sent to your bulk or junk mail folders, add news@iapmo.org to your address book. We encourage you to forward the I-Connection Newsletter to your colleagues. Requests for new subscriptions, change of e-mail address, or to have your address removed from our list should be sent to news@iapmo.org. IAPMO does not knowingly participate in SPAM. We do not sell, rent or trade the names on our e-mail list; your e-mail address is only used to send messages from IAPMO. If you wish to be removed from this list, follow the link below and enter your e-mail address to be deleted.

[Unsubscribe](#) from the I-Connection Electronic Newsletter

Industry Calendar

Kitchen & Bath Industry Show (KBIS) 2016
Jan. 19 - 21, 2016
Las Vegas, NV
www.kbis.com

2016 NAHB International Builders' Show
Jan. 19 - 21, 2016
Las Vegas, NV
buildersshow.com

AHR Expo 2016
Jan. 25 - 27, 2016
Orlando, FL
www.ahrexpo.com

UPC & UMC Technical Committee Meeting
May 2 - 6, 2016
Denver, CO
www.iapmo.org

Upcoming Seminars

Earn your Continuing Education with IAPMO training.

ARIZONA SEMINARS		
November 20, 2015	Phoenix, AZ	Cross Connection Control Recertification - 8 hr Course and Exam
December 14-18, 2015	Phoenix, AZ	Backflow Prevention Assembly Tester 40 hr Course and Exam
December 18, 2015	Phoenix, AZ	Cross Connection Control Recertification - 8 hr Course and Exam
CALIFORNIA SEMINARS		
December 7-11, 2015	Ontario, CA	Backflow Prevention Assembly Tester 40 hr Course and Exam
December 11, 2015	Ontario, CA	Cross Connection Control Recertification - 8 hr Course and Exam
December 14-17, 2015	Ontario, CA	Program Administrator/Specialist Class
December 14, 2015	Baldwin Park, CA	Cross-Connection Control Seminar
COLORADO SEMINARS		
Nov. 30 - Dec. 4, 2015	Denver, CO	ASSE 5110 Backflow Tester 40 Hour Class and Exam
MASSACHUSETTS SEMINARS		
Session 8 Training now available - click here for the schedule!		
IAPMO is an approved provider for Continuing Education by USGBC, IACET, AIA and many local organizations and jurisdictions. 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!		

