



February 2020 | HEADLINES

CONTACT US

- » [IAPMO Seeks Technical Subcommittee Members for Development of National Standards IAPMO Z1154 and IAPMO Z1117](#)
- » [Share Your Expertise – Call for Presentations](#)
- » [AWE Launches Drought Restrictions Study](#)
- » [WorldSkills Reinstates Plumbing and Heating Skill Management Team](#)
- » [ASSE International Plumbing Dictionary: A Valuable Resource for Attorneys and Other Law Professionals](#)
- » [Construction Starts Fall 21 Percent in December](#)
- » [U.S. DOE Finalizes Rule Clarifying Use of ASHRAE Energy Conservation Standard](#)
- » [Ministry of Industry Appoints PT. IAPMO Group Indonesia as Conformity Assessment Body for SNI 0039:2013 Steel Water Pipe with or Without Zinc Coating](#)
- » [2021 National Standard Plumbing Code – Illustrated Now Available](#)
- » [EPA at 50: EPA Celebrates Progress in Protecting America's Waters](#)
- » [Illinois Records Fifth Outbreak of Legionnaires Disease](#)
- » [Michigan Files Suit Against PFAS Manufacturers](#)
- » [State of North Carolina Releases Final Report on Legionnaires' Outbreak](#)
- » [IAPMO Training and Education Schedule](#)

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

Follow IAPMO:



OFFICIAL MAGAZINE



NOW AVAILABLE ONLINE!
A subscription to Official is just one

IAPMO Seeks Technical Subcommittee Members for Development of National Standards IAPMO Z1154 and IAPMO Z1117

IAPMO is seeking volunteers, with technical background in plumbing and mechanical systems and specific knowledge of press connections and/or shower enclosures and shower/steam panels, to participate on a pair of Technical Subcommittees (TSC). Ideal candidates for the IAPMO Z1117 and IAPMO Z1154 TSCs would include jurisdictional authorities, testing lab and educational facility representatives, and manufacturing experts.

The scope of IAPMO Z1117 covers press connections made with copper or copper alloy fittings and Type K, L and M copper tube; carbon steel fittings and Schedule 10 and 40 carbon steel pipe; stainless steel fittings and Schedule 5, 10, and 40 stainless steel pipe.

Read more: www.iapmo.org/tsc_z1154_z1117

[<Return to top>](#)

Share Your Expertise – Call for Presentations

IAPMO is adding a day of training at its 91st annual Education and Business Conference in Charlotte, N.C., in September 2020. This additional day will be an "Industry Day" dedicated to presentations from individuals and organizations from the various sectors of the plumbing and mechanical industry.

The IAPMO conference is a great opportunity for inspectors, designers, and installers to increase their knowledge and understanding of the codes, standards, new technology, and innovative installations. In addition to all of the professional development opportunities, attendees are able to expand their professional networks and stay up to date on current trends in the industry.

Read more: www.iapmonline.org/Documents/archive/02032020_abstracts.aspx

[<Return to top>](#)

AWE Launches Drought Restrictions Study

On January 23, the Alliance for Water Efficiency released a major research study on municipal drought response and water demand. The Use and Effectiveness of Municipal Irrigation Restrictions During Drought is the latest report from AWE's Outdoor Water Savings Research Initiative, which also produced a Phase 1 Review of Existing Research (2014), a Peak Demand Reduction Study (2017), and a Landscape Transformation Study (2019).

Key findings from the new study include:

Case study participants in California and Texas successfully reduced annual demand by 18-30 percent and peak monthly demand by 20-42 percent through a combination of mandatory demand management measures.

Within this study, voluntary conservation did not generate statistically significant savings (i.e., estimated savings are indistinguishable from zero).

Read more: www.iapmonline.org/Documents/archive/012720_AWE_Study.aspx

[<Return to top>](#)

WorldSkills Reinstates Plumbing and Heating Skill Management Team

WorldSkills International has announced its new roster of Skill Management Teams, assigned for the next edition of the biggest international vocational education and skills excellence event on earth.

The Plumbing and Heating competition at WorldSkills Shanghai 2021 will reinstate the same trio of global industry experts who oversaw the previous event at WorldSkills Kazan 2019. They are Paul Dodds (United Kingdom) in the role of Skill Competition Manager; Markus Niederer (Switzerland) in the role of Chief Expert; and Ryan Marsh (South Africa) in role of Deputy Chief Expert.

Read more: www.iapmo.org/worldskills_management

[<Return to top>](#)

ASSE International Plumbing Dictionary: A Valuable Resource for Attorneys and Other Law Professionals

The ASSE International Plumbing Dictionary (Sixth Edition), a free e-book containing more than 4,000 plumbing words, terms, and abbreviations, is available online at www.asse-plumbing.org/plumbing-dictionary for use as a resource by attorneys and other non-plumbing professionals needing comprehensive and accurate information on plumbing terms.

"Every craft or trade has unique and peculiar terms, and the plumbing industry is no different — knowing terms and their meanings is essential to understanding and communicating with those in the trade," said Monte Bogatz, Executive Vice President and General Counsel for The IAPMO Group. "The ASSE International Plumbing Dictionary includes many words that are not common in daily speech, as well as many words that are commonly used, but have been adopted by the plumbing industry and thus become plumbing terms of art."

Read more: www.iapmo.org/group/update/asse-plumbing-dictionary

[<Return to top>](#)

Construction Starts Fall 21 Percent in December

Total construction starts in the final month of 2019 dropped 21% from the previous month to a seasonally adjusted annual rate of \$800.4 billion. The sharp decline was largely a response to hefty gains posted in November's utility and manufacturing sectors. When removing the influence of these two very volatile sectors, total construction starts only fell 3% in December. By major sector, nonresidential building starts fell 20% in December, while nonbuilding starts dropped 41%, and residential starts lost 4% over the month.

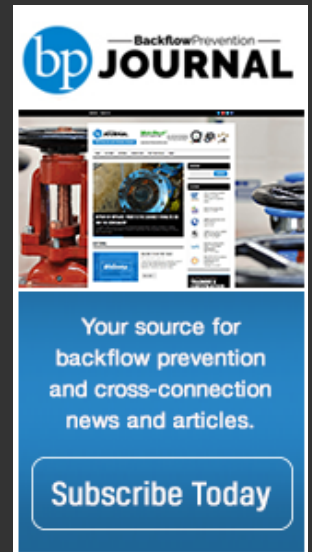
The pullback in December pushed the Dodge Index down to 169 (2000=100) compared to the 213 posted in November, and just below the 12-month average of 174.

Read more: www.iapmonline.org/Documents/archive/012720_Construction_Starts.aspx

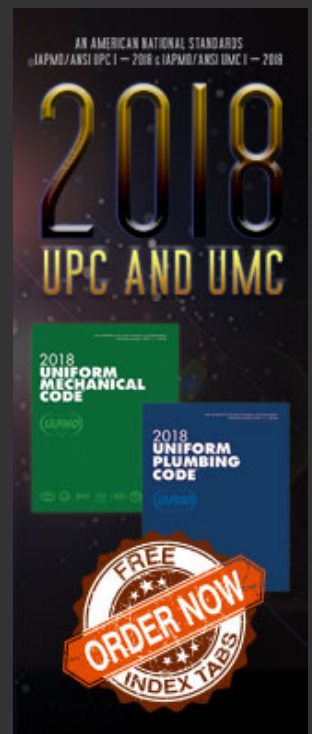
[<Return to top>](#)

U.S. DOE Finalizes Rule Clarifying Use of ASHRAE Energy Conservation Standard

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.



The advertisement features the logo for 'Backflow Prevention JOURNAL' with 'bp' in a blue circle. Below the logo is a screenshot of the journal's website. A blue banner at the bottom of the ad contains the text: 'Your source for backflow prevention and cross-connection news and articles.' and a white button that says 'Subscribe Today'.



The advertisement features the text 'AN AMERICAN NATIONAL STANDARD (IAPMO/ANSI UPC1 - 2018 & IAPMO/ANSI UMC1 - 2018)' at the top. Below this is the large number '2018' in a stylized font, followed by 'UPC AND UMC'. At the bottom, there are two book covers: '2018 UNIFORM MECHANICAL CODE (Green)' and '2018 UNIFORM PLUMBING CODE (Blue)'. A large orange seal with a white border says 'FREE ORDER NOW INDEX TABS'.

ASHRAE is pleased to announce that the U.S. Department of Energy has issued a final rule, clarifying that DOE must meet its statutory requirements to adopt ASHRAE Commercial Building Energy Efficiency Standard 90.1 energy conservation levels, "except in extraordinary cases where a high evidentiary hurdle has been surmounted." Further, DOE noted in the final rule, "The language of the statute makes clear that Congress intended to establish a high bar for DOE to go beyond the levels in ASHRAE Standard 90.1, an intention clearly reflected by its decision to require a heightened evidentiary standard."

DOE's final rule entitled "Energy Conservation Program for Appliance Standards: Procedures for Use in New or Revised Energy Conservation Standards and Test Procedures for Consumer Products and Commercial/Industrial Equipment," was issued January 15, 2020, and is commonly called the "Process Rule."

Read more: www.ashrae.org/about/news/2020/u-s-doe-finalizes-rule-clarifying-use-of-ashrae-energy-conservation-standard

[<Return to top>](#)

Ministry of Industry Appoints PT. IAPMO Group Indonesia as Conformity Assessment Body for SNI 0039:2013 Steel Water Pipe With or Without Zinc Coating

PT. IAPMO Group Indonesia has been appointed by the Republic of Indonesia Ministry of Industry as an accredited conformity assessment body with the capability of product certifier for SNI certification of the SNI 0039:2013 Steel Water Pipe With or Without Zinc Coating standard. This appointment is based on Ministry of Industry Decree No. 50 Year 2019.

Read more: www.iapmo.org/sni_0039_2013_steelwaterpipe

[<Return to top>](#)

2021 National Standard Plumbing Code – Illustrated Now Available

IAPMO has released the 2021 edition of the *National Standard Plumbing Code – Illustrated (NSPC)*. An updated version of the 2018 *NSPC*, the book may be purchased via the IAPMO web store at <http://bit.ly/2vvHDFV>.

The 2021 *NSPC* provides the latest information about common materials, fixtures, devices and equipment systems used or installed in plumbing systems. This new edition is printed in the popular illustrated format, with comments and illustrations clearly shown as supplemental information. The illustrations and supplementary notes make it an indispensable training tool.

Appendix G, intended to promote safe and efficient water use in both residential and non-residential buildings, has been updated with revised excerpts from the 2017 Water Efficiency and Sanitation Standard (WE•Stand). Also new in the 2021 edition is Appendix L: Tiny Houses, which was added to address safe and reliable plumbing system requirements for both permanent single tiny houses (Part I) and for tiny house communities (Part II).

Read more: www.iapmo.org/nspc-i_2021

[<Return to top>](#)

EPA at 50: EPA Celebrates Progress in Protecting America's Waters

As part of the U.S. Environmental Protection Agency's (EPA) 50th anniversary commemoration, the agency is kicking off a month-long look at progress in protecting America's waters. This month the agency will highlight its efforts related to protecting America's waters, including clean water infrastructure, safe drinking water, surface water protection, and emerging challenges.

"In honor of EPA's 50th anniversary, it is important to take a moment to reflect on the progress we have made in protecting our nation's waters to help support our health, our environment and our economy," said EPA Assistant Administrator for Water Dave Ross. "This week, we are highlighting the agency's investment in water infrastructure projects that provide current and future generations with a healthier environment and stronger economy."

Read more: www.epa.gov/newsreleases/epa-50-epa-celebrates-progress-protecting-americas-waters

[<Return to top>](#)

Illinois Records Fifth Outbreak of Legionnaires Disease

State and local health officials have confirmed at least five separate occurrences of Legionnaires' Disease in the state since January 1. Lakewood Nursing Home and Rehabilitation Center in Plainfield, Meadowbrook Manor in Bolingbrook, Covenant Living at Windsor Park retirement home in Carol Stream, Balmoral Nursing Home and The Admiral at the Lake, both in Chicago, have documented at least nine cases with two deaths. Senior residential facilities are high-risk locations for contracting the disease because: They house at-risk populations (elderly and those on immunosuppressive



medications); they generally have large, complex water and plumbing systems; residents have little to any exposure to outside sources of the disease. The Centers for Disease Control and Prevention reports that the rise in cases of Legionnaires' Disease due to more legionella in the environment may be due to warmer temperatures which create favorable conditions for growth of the bacteria.

[<Return to top>](#)

Michigan Files Suit Against PFAS Manufacturers

Michigan Attorney General Dana Nessel (D) filed suit last week in Washtenaw County Circuit Court against 17 defendants for damages and injury caused by PFAS contamination. This lawsuit, which includes DuPont and 3M, represents the first legal action taken by this state against PFAS manufacturers. The suit alleges these companies have known for years about the toxic effects of PFAS chemicals but have denied that these chemicals present any harm to the public and the environment. The state seeks, among other relief: compensatory damages arising from PFAS contamination and injury of State natural resources and property, including groundwater, surface waters, drinking water supplies; relief to compel Defendants to abate the continuing nuisance and trespass by enjoining the further use, sale, distribution, and discharge of PFAS in the State and compelling Defendants to remove PFAS from State natural resources and property; punitive damages; costs; any other relief the Court deems appropriate.

[<Return to top>](#)

State of North Carolina Releases Final Report on Legionnaires' Outbreak

State and local officials in North Carolina have concluded that the outbreak of Legionnaires Disease in that state last fall was caused by exposure to a hot tub display at the Western North Carolina State Fair in Fletcher. The fair was held at the Western North Carolina Agricultural Center and several vendors had hot tubs on display. However, officials were unable to determine how the bacteria made its way into the hot tubs. The outbreak sickened at least 141 people with 96 hospitalizations and four deaths. The NC Division of Public Health and the US Centers for Disease Control and Prevention have developed and distributed guidance for vendors and public health practitioners on how to minimize risks at fairs and other temporary events from hot tubs and other display equipment that aerosolizes water as a part of their response to this outbreak.

[<Return to top>](#)



AHREXPO
ORLANDO • FEB 3-5, 2020

REGISTER FREE! →



IAPMO INTERNATIONAL TRADE ADMINISTRATION

YOUR PARTNERS IN EXPORTING

Grow your exports today:
GrowExports@IAPMO.ORG

Industry Calendar

AHR Expo
February 3-5, 2020

WE-Stand Technical Committee Meeting 2020
March 24 - 25, 2020

7th Emerging Water Technology Symposium
May 12 - 13, 2020

Upcoming Seminars

Earn your Continuing Education with IAPMO training.

ARIZONA SEMINARS		
February 22 & 29, 2020	Tempe & Phoenix, AZ	ASSE 5110 Cross Connection Control Recertification - 12 Hr Course and Exam
March 9-13, 2020	Phoenix, AZ	ASSE 5130 Backflow Prevention Assembly Repairer Training and Certification Examination Class
March 21 & 28, 2020	Tempe & Phoenix, AZ	ASSE 5110 Cross Connection Control Recertification - 12 Hr Course and Exam
CALIFORNIA SEMINARS		
March 23-27, 2020	Poway, CA	ASSE 5110 Backflow Tester 40 Hour Class and Exam
March 27, 2020	Poway, CA	Cross Connection Control Recertification - 8 hr Course and Exam
October 19-23, 2020	Ontario, CA	CA-2019 Plumbing Code Changes
October 23, 2020	Ontario, CA	CA-2019 Mechanical Code Changes
COLORADO SEMINARS		
March 9-13, 2020	Longmont, CO	ASSE 5110 Backflow Tester 40 Hour Class and Exam
March 12-13, 2020	Longmont, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course & Exam
March 23-27, 2020	Montrose, CO	ASSE 5110 Backflow Tester 40 Hour Class and Exam
March 26-27, 2020	Montrose, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course & Exam
IDAHO ONLINE SEMINARS		
IOWA ONLINE SEMINARS		
LOUISIANA SEMINARS		
June 1-5, 2020	Baton Rouge, LA	ASSE 5110 Backflow Tester 40 Hour Class and Exam
June 5, 2020	Baton Rouge, LA	ASSE 5110 Cross Connection Control Recertification - 8 hr course / WSPS Conversion Class
MASSACHUSETTS SEMINARS		
Session 11 Training available - click here for info!		
MINNESOTA SEMINARS		
May 18-22, 2020	Anoka, MN	ASSE 5110 Backflow Tester 40 Hour Class and Exam
May 22, 2020	Anoka, MN	ASSE 5110 Cross Connection Control Recertification - 8 hr Course and Exam
NEW JERSEY SEMINARS		
May 4-8, 2020	Pennsauken, NJ	ASSE 5110 Backflow Tester 40 Hour Class and Exam
May 11, 2020	Pennsauken, NJ	ASSE 5110 Cross Connection Control Recertification - 8 hr course and Exam
OKLAHOMA SEMINARS		
February 10-14, 2020	Bartlesville, OK	ASSE 5110 Backflow Tester 40 Hour Class and Exam
February 24-28, 2020	Oklahoma City, OK	ASSE 5110 Backflow Tester 40 Hour Class and Exam
February 28, 2020	Oklahoma City, OK	ASSE 5110 Cross Connection Control Recertification - 8 hr Course and Exam
SOUTH DAKOTA SEMINARS		
Click Here to Find a Class		
WEST VIRGINIA SEMINARS		
February 3-7, 2020	Martinsburg, WV	ASSE 5110 Backflow Tester 40 Hour Class and Exam

February 7, 2020

Martinsburg, WV

ASSE 5110 Cross Connection Control Recertification - 8 hr Course and Exam

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!



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.