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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](mailto:iapmo@iapmo.org)  
Website: [www.iapmo.org](http://www.iapmo.org)

IAPMO's Codes & Services  
Department toll-free phone number:  
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### The Bottom Line on Codes: Safety

Competition in the marketplace is part of doing business, lamentably even where it concerns the codes and standards that protect humankind from preventable maladies and serious injury. At IAPMO, we will proudly stack up our Uniform Codes against any competing standard, confident we've packaged the strongest protective provisions, developed in the most open and balanced manner known to our industry. We welcome an honest challenge to those facts.

What we won't abide without pushback are misleading and exaggerated claims that paint our codes as a detriment to the jurisdictions utilizing them. The [attached document](#) will set the record straight about the Uniform Plumbing Code and its effectiveness and affordability for the cities, counties, states and nations that have chosen the only American National Standard governing plumbing systems.

The plumbing industry is constantly innovating and the codes that regulate safe installation practices

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must also continually evolve to include the new tested and industry-recognized installation practices, products and systems.

Read more: [http://www.iapmonline.org/Documents/archive/20191202\\_UPC\\_Facts.aspx](http://www.iapmonline.org/Documents/archive/20191202_UPC_Facts.aspx)

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### IAPMO Publishes IAPMO/ISO 30500 as National Adoption Standard for the US and Canada

IAPMO has published ANSI/CAN/IAPMO/ISO 30500:2019, *Non-Sewered Sanitation Systems — Prefabricated Integrated Treatment Units — General Safety and Performance Requirements for Design and Testing* as an identical National Adoption Standard for both the United States and Canada. The standard is available for purchase at the [IAPMO bookstore in both English and French](#).

The ANSI/CAN/IAPMO/ISO 30500 standard specifies general safety and performance requirements for design and testing, as well as sustainability considerations, for non-sewered sanitation systems (NSSS). An NSSS, for the purposes of this document, is a prefabricated integrated treatment unit, comprising frontend (toilet facility) and backend (treatment facility) components. It is applicable to sanitation systems that are either manufactured as one package or manufactured as a set of prefabricated elements designed to be assembled in one location, without further fabrication or modification that influences the system function.

Read more: [http://www.iapmo.org/group/update/iapmo-iso\\_30500](http://www.iapmo.org/group/update/iapmo-iso_30500)

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### IAPMO Seeks Technical Committee Members for 2024 UPC and UMC

IAPMO is seeking volunteers to participate on two technical committees working toward the development of the 2024 editions of the *Uniform Plumbing Code (UPC)* and *Uniform Mechanical Code (UMC)*. The deadline to submit an application is Jan. 31, 2020.

The *UPC* and *UMC* technical committees each seek members in the following categories: manufacturer, user, installer/maintainer, labor, research/standards/testing laboratory, enforcing authority, consumer and special expert. These committees are assembled in accordance with the *Regulations Governing Committee Projects* and the *Guide for the Conduct of Participants* in the IAPMO codes and standards development process. These documents may be viewed at the following URL:

<http://www.iapmo.org/media/22908/2024-consensuscodedevelopmentbooklet.pdf>

Read more: <http://www.iapmo.org/group/update/2024-upc-umc-tc>

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### CPC Navajo Mountain Plumbing Project Delivers New Water Supply, Septic Systems

Representatives of the International Water, Sanitation and Hygiene Foundation (IWSH) have successfully completed a new outreach project with partners in Naatsis'áán Chapter, further developing a working relationship established via the Community Plumbing Challenge Navajo Nation program and IWSH-DigDeep Navajo Water Project collaboration.

From Dec. 3-7, a team of skilled volunteers, local contractors and community leaders joined forces in this remote reservation location to install new water supply and septic systems at the Arizona warehouse, the temporary home of the Naatsis'áán (Navajo Mountain) Chapter office, while the main Chapter House undergoes major renovation. The building will become the new Navajo Mountain post office once the chapter staff returns to its headquarters in early 2020.

"It has been an incredible week; a lot of work, a lot of prep, a lot of ups and downs, but in the end, we have done as we said we would and delivered a new plumbing system that is going to serve the Navajo Mountain Chapter for years to come," said Randy Lorge, IAPMO Education and Training Director and one of the IWSH team members responsible for this latest Navajo Mountain project. "It might not look like much, but now that they have this new restroom facility in place, the chapter will be able to move forward with their expansion."

Read more: <http://www.iapmo.org/group/update/cpcnm-ends>

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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](http://www.iapmo.org).



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## Construction Starts Surge 37% Higher in November

Construction starts moved 37% higher from October to November, reaching a seasonally adjusted annual rate of \$988.9 billion. The large percentage gain was not only a response to a particularly weak October, but also numerous massive projects that broke ground during the month. By major sector, nonresidential building starts gained 61% over the month, while nonbuilding starts moved 82% higher. Residential building starts were flat from October to November.

November's gain pushed the Dodge Index to 209 (2000=100) compared to the 153 posted in October. The dichotomy between the weakness in October and strength in November is startling. However, the average of the two months is 181 – not much higher than the 11-month average of 173.

Read more: <https://www.construction.com/news/construction-starts-surge-37-higher-november-2019>

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## Maine Issues Proposed Rule on Lead Testing in Schools

The State of Maine has issued a proposed rule to strengthen testing for lead in drinking water of the state's schools. If adopted this rule would establish the following: drinking water testing protocols for lead in schools, a standard of lead in school drinking water, abatement and mitigation methods, as well as public notification and reporting protocols. The public comment period on this rule is open until January 18, 2020. To view the rule and/or to make comments, go to <https://www.maine.gov/dhhs/mecdc/rules/maine-cdc-rules.shtml#anchor1868322>.

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## Hydronics Industry Alliance H<sub>2</sub>O Accepted Website Goes Live

The Radiant Professionals Alliance (RPA) and the Hydronics Industry Alliance – Commercial (HIA-C), a committee of the RPA, announced today that the H<sub>2</sub>O Accepted website is now live at [www.h2oaccepted.org](http://www.h2oaccepted.org).

H<sub>2</sub>O Accepted is a new initiative of the HIA-C, designed to showcase the advantages of water-based (hydronic) commercial building space heating and cooling technologies. No other method of heating or cooling a building offers as many choices to control first cost, or offers the same ease of maintenance that hydronic systems can provide. This is due in large part to the wide variety of hydronic system "types" and components that can be utilized in a water-based HVAC system. These many different methods of delivery range from radiators and fan coil units to radiant (in-floor, in-wall, in-ceiling) and chilled beams (for cooling applications). And unlike some other HVAC system types, hydronic system components are interchangeable and available from numerous U.S.-based manufacturers.

Read more: <http://www.iapmo.org/group/update/h2o-accepted-website>

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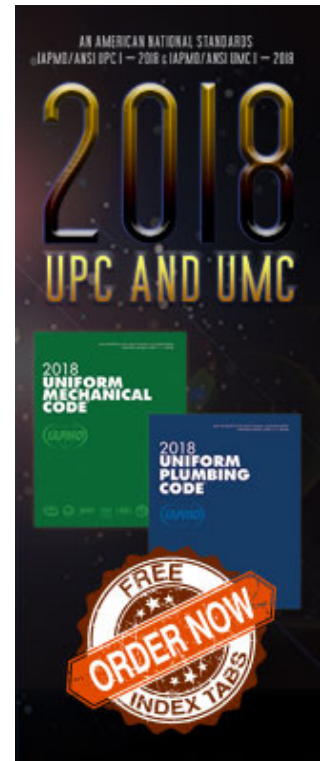
## IAPMO Uniform Evaluation Services (UES) Hires Two Engineers

IAPMO Uniform Evaluation Services (UES) is pleased to announce the hire of two new engineers — Sid Danandeh, P.E., C.B.O., C.A., S.E.C.B., and Adam Barefoot, P.E. — to serve clients with their evaluation reports.

Danandeh brings 40 years industry experience as civil engineer, building official and plan check engineer serving major metropolitan governmental agencies in Southern California, including overseeing plan review for such projects as Ontario International Airport's \$330 million expansion and Lancaster Municipal Stadium, now known as The Hangar, home of the JetHawks minor league baseball team. Barefoot brings nearly 20 years' experience, beginning as a technical engineer specialist for the Army National Guard Corps of Engineers and later stints as a structural design engineer, senior project engineer and senior evaluation engineer in Maryland and Pennsylvania.

Read more: [http://www.iapmonline.org/Documents/archive/20191125\\_UES\\_Engineers.aspx](http://www.iapmonline.org/Documents/archive/20191125_UES_Engineers.aspx)

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### Industry Calendar

**KBIS 2020**  
 January 21-23, 2020

**NAHB Builder's Show**  
 January 21-23, 2020

**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

**91st Annual Education and Business Conference**  
 September 13-17, 2020

### Upcoming Seminars

Earn your Continuing Education with IAPMO training.

ARIZONA SEMINARS		
January 13-17, 2020	Phoenix, AZ	ASSE 5130 Backflow Prevention Assembly Repairer Training and Certification Examination Class
January 18 & 25, 2020	Tempe & Phoenix, AZ	ASSE 5110 Cross Connection Control Recertification - 12 Hr Course and Exam
February 3-8, 2020	Phoenix, AZ	ASSE 5110 Backflow Tester 40 Hour Class and Exam

February 22 & 29, 2020	Tempe & Phoenix, AZ	ASSE 5110 Cross Connection Control Recertification - 12 Hr Course and Exam
<b>CALIFORNIA SEMINARS</b>		
January 13-17, 2020	Ontario, CA	ASSE 5110 Backflow Tester 40 Hour Class and Exam
January 17, 2020	Ontario, CA	Cross Connection Control Recertification - 8 hr Course and Exam
January 29, 2020	Ontario, CA	CA-2019 Plumbing Code Changes
January 30, 2020	Ontario, CA	CA-2019 Mechanical Code Changes
January 31, 2020	Ontario, CA	Indoor Cannabis Cultivation Facilities
<b>COLORADO SEMINARS</b>		
January 6-10, 2020	Westminster, CO	ASSE 5110 Backflow Tester 40 Hour Class and Exam
January 9-10, 2020	Westminster, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course & Exam
January 27-31, 2020	Brighton, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course & Exam
January 30-31, 2020	Brighton, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course & Exam
<b>IDAHO ONLINE SEMINARS</b>		
<b>IOWA ONLINE SEMINARS</b>		
<b>LOUISIANA SEMINARS</b>		
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
<b>MASSACHUSETTS SEMINARS</b>		
<b>Session 11 Training available - <a href="#">click here for info!</a></b>		
<b>MINNESOTA SEMINARS</b>		
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
<b>NEW JERSEY SEMINARS</b>		
January 27-31, 2020	Edison, NJ	ASSE 5110 Backflow Tester 40 Hour Class and Exam
January 31, 2020	Edison, NJ	ASSE 5110 Cross Connection Control Recertification - 8 hr course and Exam
<b>OKLAHOMA SEMINARS</b>		
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
<b>SOUTH DAKOTA SEMINARS</b>		
<a href="#">Click Here to Find a Class</a>		
<b>WEST VIRGINIA SEMINARS</b>		
February 3-7, 2020	Martinsburg, WV	ASSE 5110 Backflow Tester 40 Hour Class 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 <a href="http://www.iapmo.org/Pages/Seminar.aspx">http://www.iapmo.org/Pages/Seminar.aspx</a> to register online. New training dates are added periodically!		



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