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IAPMO Code Change Monographs Now Available

IAPMO has made the 2018 *Uniform Plumbing Code (UPC®)* and *Uniform Mechanical Code (UMC®)* Technical Committee Meeting Monographs available for download.

All individuals anticipating an active role in the ANSI-accredited consensus development of the Uniform Codes at the technical committee meetings in Ontario,

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Follow IAPMO:

Calif., May 15-18, will want to download these documents in Adobe PDF format from the following URLs:

UPC:

<http://codes.iapmo.org/docs/2018%20UPC%20TC%20Meeting%20Monograph.pdf>

UMC:

<http://codes.iapmo.org/docs/2018%20UMC%20TC%20Meeting%20Monograph.pdf>

Hardcopy versions will not be available at the meetings.

The Technical Committee Meeting Monographs contain every code change proposal submitted for the 2021 editions of the *UPC* and *UMC* as part of the American National Standards Institute (ANSI)-accredited consensus code development process employed by IAPMO.

Topic areas for proposed changes to the *UPC* include: new reference standards for plumbing fixtures; introduction of new novel products; temperature limitations of fixtures; floor drain requirements for commercial sinks; seismic provisions for gas appliances and equipment; material requirements for water supply and distribution systems; water softeners and water treatment devices; material requirements for drain, waste and vent piping and fittings; backflow prevention devices; sewer cleanouts; assemblies and methods; rehabilitation provisions for building sewer and sewer lateral piping; fuel gas piping material and fitting requirements and test pressure; storm drain material requirements; gray water diversion valves; new engineered roof drainage provisions; circuit venting provisions; healthcare facilities; and legionella risk management provisions.

Topic areas for proposed changes to the *UMC* include: Installation requirements for listed appliances; guard requirements for roof installations of equipment and appliances; clearance requirements for equipment and appliances; condensate control; transient and nontransient ventilation requirements; carbon monoxide and carbon dioxide detectors for enclosed parking garages; environmental and product conveying air ducts; Type I and Type II hoods; various provisions for air ducts such as factory-made, thermoplastic and fiberglass reinforced plastics (frp); legionella risk management provisions; decorative appliances; air conditioning systems; refrigeration systems; various hydronic system provisions; fuel gas piping material and fitting requirements and test pressure; and new open- and closed-loop geothermal energy systems provisions.

For specific information about the *UPC* technical committee, please contact Enrique Gonzalez at (909) 230-5535 or e-mail your question to enrique.gonzalez@iapmo.org.



OFFICIAL MAGAZINE



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.

For the *UMC* technical committee, contact Zalmie Hussein at (909) 218-8122 or e-mail your question to zalmie.hussein@iapmo.org.

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**REGISTER
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May 15-16, 2018
Ontario, California

6th Biennial
EWTS
Emerging Water Technology Symposium



Report on Comments (ROC) Toward Development of 2018 USHGC and USPSHTC Now Available for Online Download

IAPMO, publisher of the *Uniform Solar, Hydronics and Geothermal Code (USHGC™)* and *Uniform Swimming Pool, Spa and Hot Tub Code (USPSHTC™)*, has posted for online download the 2018 Report on Comments (ROC) for the 2018 editions of these American National Standard designated model codes. The ROC is the technical committee report on the actions taken by the technical committee accompanied by a ballot statement and one or more comments resulting from public review of the Report on Proposals (ROP).

Interested parties are encouraged to download the documents at the following links:

[Uniform Solar, Hydronics and Geothermal Code](#)
[Uniform Swimming Pool, Spa and Hot Tub Code](#)

Read more: www.iapmonline.org

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IWSH Foundation Invites Submissions to 2018 Scholarship Essay Competition

The International Water, Sanitation and Hygiene Foundation (IWSH), a bridge for the international water, sanitation, and hygiene community with specific focus on the role of the plumbing industry in community collaborations and educational exchange, will again administer an essay competition awarding scholarships to three young people with an interest in how the plumbing and mechanical industry can create and promote positive change across the globe.

Participants in this year's contest will submit essays expressing their thoughts on "In November 2017, IWSH completed the Community Plumbing Challenge 2017 in Bekasi, West Java, Indonesia. If you had to choose one location within the United States to conduct the next Community Plumbing Challenge (providing safe access to clean water and proper sanitation), which location would you choose and why?"

"Though technologically advanced, the United States is not completely free of many of the same issues that plague residents of developing nations where it concerns access to healthy drinking water and efficient sanitation," said IWSH board of trustees Chairman Dan Daniels. "By bringing the Community Plumbing Challenge home, IWSH would hope to increase awareness to the need for collaboration and improvement wherever it arises, anywhere on the planet."

Read more: www.iapmonline.org

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U.S. Secretary of Energy Rick Perry Announces \$105 Million in New Funding to Advance Solar Technologies

U.S. Secretary of Energy Rick Perry has announced up to **\$105.5 million** to support America's continued leadership in energy innovation through solar technology. Under the Department of Energy's (DOE's) Solar Energy Technologies Office (SETO), DOE will fund about 70 projects to advance both solar photovoltaic (PV) and concentrating solar thermal power (CSP) technologies, as well as facilitate the secure integration of those technologies into the nation's electricity grid. Funding will also support efforts that prepare the workforce for the solar industry's future needs.

"American ingenuity is the engine of our energy economy," said Secretary Perry. "Investing in all of our abundant energy sources, including solar technologies, will help

to drive down costs and ensure that the nation leads the world in energy production and innovation."

This funding opportunity announcement (FOA) will further the Administration's goals to drive economic and technological leadership in solar energy by supporting innovative research that improves energy choice and affordability. These research projects will address the earliest stages of technology development, enable significant improvements to the current fleet of solar technologies, and maintain U.S. leadership in solar energy.

Read more: <https://www.energy.gov/articles/us-secretary-energy-rick-perry-announces-105-million-new-funding-advance-solar-technologies>

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Crews Resume Work to Replace Lead and Galvanized Pipes in Flint as Part of Mayor Weaver's FAST Start Initiative

On Wednesday, April 18, 2018, Crews resumed work to replace lead-tainted service lines leading to homes in Flint as part of Mayor Weaver's FAST Start initiative. Flint City officials have directed contractors to mobilize crews and equipment to resume replacing lead and galvanized water service lines that were part of the addresses provided to them in the 2017 Phase IV project area. The work being done is part of the final stages of Phase IV of the service line replacement project. The work was placed on hold in December due to impending winter weather conditions.

The current number of service lines crews will be working to replace is 385. However, more service lines may be replaced if contractors have the budget remaining to do so in their individual contracts.

Two of the contractors each have 50–60 service lines each to complete. It is expected that this work will be completed in 3-6 weeks. The third contractor has mobilized four crews. Based upon previous production rates, this contractor should complete its work in 6-8 weeks.

As April 18, 2018, the total number of lines replaced is 6,264 and the total number of full copper lines identified is approximately 2,500 since FAST Start launched in March 2016.

Existing City records indicate there are about 12,000 remaining homes in Flint with lead or galvanized service lines. This year, the mayor's FAST Start program will

continue work to replace any lead or galvanized lines outside homes with copper service lines. The goal is to replace at least 6,000 lead-tainted pipes outside homes in 2018 and the remaining pipes in 2019 to complete the project.

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March Construction Starts Advance 11 Percent

New construction starts in March increased 11% from the previous month to a seasonally adjusted annual rate of \$785.2 billion, according to Dodge Data & Analytics. The substantial gain followed modest declines in January (down 2%) and February (down 3%), and brings the pace of total construction starts to the highest level over the past six months. The nonbuilding construction sector, comprised of public works and electric utilities/gas plants, soared 73% in March, boosted by the start of several very large projects. These included the \$3.5 billion Mountain Valley Pipeline expansion in West Virginia and Virginia, the \$1.1 billion I-405 highway project in Orange County CA, the \$855 million Grand Parkway highway project in Houston TX, and a \$400 million wind farm in Kansas. At the same time, both nonresidential building and residential building eased back slightly in March, with respective declines of 1% and 2%. During the first three months of 2018, total construction starts on an unadjusted basis were \$167.3 billion, down 7% from last year (which included exceptionally strong amounts for airport terminals and natural gas pipelines). On a twelve-month moving total basis, total construction starts for the twelve months ending March 2018 were up 1% from the twelve months ending March 2017.

Read more: www.construction.com/news/march-construction-starts-advance-11-percent-apr-2018

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Lead Risk Reduction Priority for Next WIFIA Round

EPA is prioritizing infrastructure projects that reduce exposure to lead and other contaminants in drinking water systems, as well as updating the nation's aging infrastructure, in its next round of loans and loan guarantees through the Water Infrastructure Finance and Innovation Act (WIFIA) program.

In the [Consolidated Appropriations Act, 2018](#), signed by the President on March 23, 2018, Congress provided \$55 million in budget authority for the Water Infrastructure Finance and Innovation Act of 2014 (WIFIA) program to cover the subsidy required to

provide a much larger amount of credit assistance. EPA estimates that this budget authority may provide approximately \$5.5 billion in credit assistance and may finance approximately \$11 billion in water infrastructure investment.

Prospective borrowers may submit letters of interest until July 6, 2018 at 12:00 p.m. (noon) EDT.

More information is available here: <https://www.epa.gov/wifia/how-apply-wifia-assistance-0#notice>

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IAPMO R&T Lab Hires Sal Aridi to Manage Special Projects and Business Development

The IAPMO Group is pleased to announce Sal Aridi, PE, has joined North America's premier plumbing and mechanical product testing agency, IAPMO R&T Lab, as Director of Special Projects and Business Development.

A registered professional engineer in the state of Michigan, Aridi holds bachelor's and master's degrees in mechanical engineering and international business, respectively, from the University of South Carolina, in addition to his 30-plus years of industry experience.

"Sal comes to IAPMO R&T Lab with a wealth of knowledge and experience in product testing and certification," said Ken Wijaya, IAPMO R&T Lab Executive Vice President. "I look forward to working with Sal in expanding our testing services."

After beginning his career in plastics and automotive, Aridi spent 17 years at NSF International, where as an engineering manager he was responsible for a 10-member team of engineers and technicians designing, managing, and establishing accreditation for test labs worldwide. Test labs under Aridi's management included electrical, commercial food equipment, wastewater treatment devices, swimming pool equipment, biosafety cabinetry, drinking water devices, water softeners, plumbing, and EnergyStar.

"I'm excited to be joining The IAPMO Group, a dynamic testing and certification agency that is focused on good customer service," Aridi said. "I'm looking forward to handling special projects that do not fit within existing programs in order to expand businesses where IAPMO has a developing, but extremely promising, presence."

For more information, contact Donna Estrada at (909) 472-4134
or donna.estrada@iapmortl.org .

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Industry Calendar

Emerging Water Technology Symposium
May 15-16, 2018
Ontario, CA
www.iapmo.org

2021 UMC/UPC Technical Meetings
May 15-18, 2018
Ontario, CA
www.iapmo.org




89th Annual Education and Business Conference
Sept. 30-Oct. 4, 2018
Philadelphia, PA
www.iapmo.org

WaterSmart Innovations Conference and Exposition
October 3-5, 2018
Las Vegas, NV
www.watersmartinnovations.com/

Upcoming Seminars

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ALASKA ONLINE SEMINARS		
ARIZONA SEMINARS		
June 11-15, 2018	Phoenix, AZ	ASSE 5110 Backflow Tester 40 Hour Class and Exam
June 15, 2018	Phoenix, AZ	Cross Connection Control Recertification - 8 hr Course and Exam
CALIFORNIA SEMINARS		
June 11-15, 2018	Ontario, CA	ASSE 5110 Backflow Tester 40 Hour Class and Exam
June 15, 2018	Ontario, CA	Cross Connection Control Recertification - 8 hr Course and Exam
July 16-20, 2018	Poway, CA	ASSE 7010 PQ Standards for Installers of Residential Fire Sprinkler Systems
July 20, 2018	Poway, CA	ASSE 7020 PQ Standards for Installers of Residential Fire Sprinkler Systems -- Re-Certification
COLORADO SEMINARS		
May 3-4, 2018	Denver, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course and Exam
June 4-8, 2018	Colorado Springs, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course and Exam
June 18-22, 2018	Meeker, CO	ASSE 5110 Backflow Tester 40 Hour Class and Exam
June 21-22, 2018	Meeker, CO	ASSE 5110 Cross Connection Control Recertification - 12 hr Course

		and Exam
IOWA ONLINE SEMINARS		
LOUISIANA SEMINARS		
June 25-29, 2018	Baton Rouge, LA	ASSE 5110 Backflow Tester 40 Hour Class and Exam
June 29, 2018	Baton Rouge, LA	ASSE Recertification / LA Conversion - 8 hour Course and Exam - PHCC Member
MASSACHUSETTS SEMINARS		
Session 10 Training now available - click here for the schedule!		
MINNESOTA SEMINARS		
September 10-14, 2018	Anoka, MN	ASSE 5110 Backflow Tester 40 Hour Class and Exam
September 14, 2018	Anoka, MN	ASSE Cross Connection Control Recertification - 8 hr Course and Exam
PENNSYLVANIA SEMINARS		
June 11-15, 2018	Scranton, PA	ASSE 5110 Backflow Tester 40 Hour Class and Exam
June 15, 2018	Scranton, PA	ASSE Cross Connection Control Recertification - 8 hr Course and Exam
SOUTH DAKOTA SEMINARS		
Click Here to Find a Class		
WISCONSIN SEMINARS		
June 4-8, 2018	Appleton, WI	ASSE 5110 Backflow Tester 40 Hour Class and Exam
June 8, 2018	Appleton, WI	ASSE Cross Connection Control Recertification - 8 hr Course and Exam
<p>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!</p>		
  		



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