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IAPMO Advances Development of 2027 Uniform Codes During Technical Committee Meetings

Ontario, Calif. (May 24, 2024) – The International Association of Plumbing and Mechanical Officials (IAPMO®) recently completed Technical Committee Meetings toward the development of the 2027 editions of the *Uniform Plumbing Code (UPC®)* and *Uniform Mechanical Code (UMC®)*, which will update the 2024 *UPC* and *UMC*, American National Standards governing the installation and maintenance of plumbing and mechanical systems nationwide.

During the May 5-10 meetings, the committees acted on 689 proposed amendments to the 2027 editions of the *Uniform Codes*.

The *UPC* committee acted on 371 proposals and generated one committee proposal. Topics generating the most debate included cured in place piping (CIPP); Legionella growth in plumbing systems; drinking fountains and sanitary yard hydrants; temperature limiting devices for fixtures; adult changing stations; heat pump water heaters; fixture flow rates; hot water in healthcare facilities; hydrogen systems; disinfection of potable water systems; termination point of discharge piping serving temperature and pressure relief valves; drinking water treatment units; piping insulation; direct potable water reuse; and all-gender toilet facilities.

The *UMC* committee acted on 316 proposals and generated one committee proposal. Topics generating the most debate included exhaust ventilation for parking garages; ventilation and indoor air quality of dwelling units in residential occupancies; termination of exhaust ducts; commercial cooking appliances; duct leakage testing; materials used for ducts systems; materials exposed within ducts and plenums; air dispersion systems; vibration isolation connectors; duct insulation; air source heat pump water heaters; refrigerant detectors; multilayer composite piping, tubing, and fittings in refrigerating systems and gas piping systems; termination point of discharge piping serving temperature and pressure relief valves; hydrogen systems; and Legionella growth in building mechanical systems.

Due to compelling discussions on the topics listed above, both the *UPC* and *UMC* technical committees requested that new task groups be formed. The Code Change Review Task Group will review all proposals submitted and develop recommendations in the form of public comments. The Heat Pump Water Heater Task Group will review *UPC* Item #075 and *UMC* Item #162 to address the proper installation of heat pump water heaters.

The *UPC* Technical Committee requested two additional new task groups be formed to address provisions for CIPP and for water heaters. The Cured-in-Place Piping Task Group will review submitted proposals relating to cured in place piping. The Water Heater Task Group will review submitted proposals relating to first-hour rating and sizing parameters for different water heater types.

The task groups' recommendations will be forwarded to the *UPC* and *UMC* technical committees in the form of public comments, respectively, for consideration. A call for participation on these task groups will be published soon.

In accordance with IAPMO's American National Standards Institute (ANSI)-accredited consensus development process, balloting through the *UPC* and *UMC* technical committees will begin on May 31 and conclude on June 28. The *Report on Proposals (ROP)* will be created from these balloted actions and distributed to committee members on Aug. 9.

All suggested code amendments/additions/deletions published in the *ROP* will be available for public review on Aug. 9. Eligible IAPMO members in attendance during the *UPC* and *UMC* Assembly Consideration Session will have the opportunity to vote on an Assembly Comment. This session will take place at IAPMO's 95th annual Education and Business Conference, Sept. 24, in Las Vegas.

For specific information about the *UPC*, please contact Enrique Gonzalez at (909) 230-5535 or email your questions to enrique.gonzalez@iapmo.org. For the *UMC*, contact Taylor Duran at (909) 218-8126 or email your questions to taylor.duran@iapmo.org.