



INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS

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FOR IMMEDIATE RELEASE

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IAPMO USPSHTC, USHGC Technical Committee Meeting Monographs Now Available

Ontario, Calif. (May 19, 2025) — IAPMO® has made the 2025 *Uniform Swimming Pool, Spa and Hot Tub Code (USPSHTC®)* and *Uniform Solar, Hydronics and Geothermal Code (USHGC®)* 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 June 17-18 (via teleconference and at IAPMO World Headquarters in Ontario, Calif.) will want to download these documents in Adobe PDF format from the following URLs:

USPSHTC: https://codes.iapmo.org/docs/2027/USPSHTC/2025_USPSHTC_TC_Meeting_Monograph.pdf

USHGC: https://codes.iapmo.org/docs/2027/USHGC/2025_USHGC_TC_Meeting_Monograph.pdf

Hardcopy versions will not be available.

NOTE: The *USPSHTC* meeting will be virtual; attendees are required to register in order to participate. Please contact codes-dept@iapmo.org to obtain virtual meeting registration information.

The Technical Committee Meeting Monographs contain every code change proposal submitted for the 2027 editions of the *USPSHTC* and *USHGC* as part of the American National Standards Institute (ANSI)-accredited consensus code development process employed by IAPMO.

Topic areas for proposed changes to the *USPSHTC* include: underwater ledges; slip-resistant surfaces; bodily fluid contamination; professional qualifications; ozone systems; UV systems; swimming pool floor slopes; handholds; raised ledges; deck covers and lids; deck drainage and slopes; turnover times; equipment rooms; chemical feed equipment; primary, secondary, and supplemental disinfection; water conditioning chemicals; updated water quality parameters; increased risk aquatic venues; entrapment prevention; bridges; barrier requirements; overhead lighting; electrical safety; diving venues; wave pools; interactive water play venues; float tanks; artificial white water courses; artificial lagoons; surf pools; lazy rivers; and water chemistry.

Topic areas for proposed changes to the *USHGC* include: hangers and supports for suspended piping and tubing; protective barriers for Energy Storage Systems (ESS); solar thermal and hydronic piping insulation; flash point, concentration, and identification requirements for heat transfer fluids; heating capacity requirements for dual purpose water heaters; boilers and control systems; pressure testing of system piping and components; oxygen diffusion corrosion in closed hydronic systems; materials for solar, hydronic, and geothermal system piping, tubing, and fittings; joints and connections between piping and fittings; automatic makeup fluid for hydronic systems; freeze protection for solar thermal systems; design and installation requirements for field constructed solar collectors; water chemistry for solar-heated swimming pools, spas, and hot tubs; design requirements for hydronic distribution systems; site survey requirements; minimum setbacks from ground heat exchangers to existing infrastructure; tracer and warning markings for buried piping; commissioning procedures for ground heat exchangers; installation of vertical and directional bores; methods of thermal energy storage for geothermal and district energy systems; heat sources and sinks connected to district energy systems; listing and installation requirements for ESS and related equipment; and professional qualifications for installers and inspectors.

IAPMO urges its members and other interested parties to get involved in the code development process to ensure effectiveness in preserving the public's health, safety, and welfare through fair and balanced development of the Uniform Codes. Installers, plumbing officials, the construction industry, engineers, and manufacturers all benefit from a cooperative effort in developing codes.



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For specific information about the *USPSHTC* Technical Committee, please contact Enrique Gonzalez at (909) 230-5535 or e-mail your question to enrique.gonzalez@iapmo.org. For specific information about the *USHGC* Technical Committee, please contact Taylor Duran at (909) 218-8126 or e-mail your question to taylor.duran@iapmo.org.

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About IAPMO

IAPMO®, a global team of experts engaging industry and government for a safer built environment, develops codes and standards, including the flagship Uniform Plumbing Code (UPC®) and Uniform Mechanical Code (UMC®), and offers the UPC and UMC certification marks, which serve as a consistent model for building professionals, manufacturers and researchers. Deep expertise in codes and standards is applied to rigorous product testing, certification and inspection services, professional development offerings, policy and advocacy work. IAPMO also serves the market under specialty brands including The IAPMO Group, Construction Products Group, System Certifications Body and IWSH, its nonprofit foundation. For more information, visit www.iapmo.org.