



**FOR IMMEDIATE RELEASE**

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### **IAPMO USHGC, USPSHTC Code Change Monographs Now Available**

**Ontario, Calif. (April 3, 2023)** — The International Association of Plumbing and Mechanical Officials (IAPMO®) has made the 2023 *Uniform Solar, Hydronics and Geothermal Code (USHGC®)* and *Uniform Swimming Pool, Spa and Hot Tub Code (USPSHTC®)* technical committee meeting monographs available for download.

All individuals anticipating an active role in the American National Standards Institute (ANSI)-accredited consensus development of the *Uniform Codes* at the technical committee meetings, May 15-16, in Ontario, Calif., will want to download these documents in Adobe PDF format from the following URLs:

*USHGC*: <https://codes.iapmo.org/docs/2024/USHGC/2023%20USHGC%20ROC%20MONOGRAPH.pdf>

*USPSHTC*: <https://codes.iapmo.org/docs/2024/USPSHTC/2023%20USPSHTC%20ROC%20MONOGRAPH.pdf>

Hardcopy versions will not be available at the meetings.

To accommodate those who cannot attend in-person, an online option is available for those wishing to participate virtually. Virtual attendees are required to register in order to participate. Please contact [codes-dept@iapmo.org](mailto:codes-dept@iapmo.org) to obtain virtual meeting registration information.

The technical committee meeting monographs contain every code change proposal submitted for the 2024 editions of the *USHGC* and *USPSHTC* as part of the ANSI-accredited consensus code development process employed by IAPMO.

Topic areas for proposed changes to the *USHGC* include: freeze protection for hydronics systems; comingling of hydronic system fluid and potable water; expansion tanks; oxygen diffusion corrosion; transition joints between different types of materials; automatic makeup fluid; drainback solar thermal systems; combustibles within ducts or plenums; material standards for plastic ground source loop piping and fittings; shutoff valves on mechanical equipment and appliances; ground heat-exchanger installation practices; minimum setbacks for vertical and horizontal ground heat exchangers; tracer and warning markings; diagrams for open-loop and closed-loop geothermal systems; district ambient temperature loops; district load profiles; thermal resources; thermal metering.

Topic areas for proposed changes to the *USPSHTC* include: slip resistant walkway surfaces; artificial and underwater lighting for aquatic venues; construction site fencing; walls slopes for wading pools; finishes and surfaces of swimming pools; walkways; deck drainage slopes; turnover time; water chemistry parameters; ozone contact concentrations and oxidation reduction potential for ozone systems; surge tank storage capacity for perimeter overflow systems; and elevated pools, spas, and other aquatic venues.

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.

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](mailto:taylor.duran@iapmo.org). 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](mailto:Enrique.gonzalez@iapmo.org).

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