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IAPMO USHGC, USPSHTC Code Change Monographs Now Available

Ontario, Calif. (May 16, 2022) — The International Association of Plumbing and Mechanical Officials (IAPMO) has made the 2022 *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 ANSI-accredited consensus development of the *Uniform Codes* at the technical committee meetings, June 20-21, in Ontario, California, will want to download these documents in Adobe PDF format from the following URLs:

USHGC: <https://codes.iapmo.org/docs/2024/USHGC/2022%20USHGC%20ROP%20Monograph.pdf>

USPSHTC: <https://codes.iapmo.org/docs/2024/USPSHTC/2022%20USPSHTC%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 2024 editions of the *USHGC* and *USPSHTC* as part of the American National Standards Institute (ANSI)-accredited consensus code development process employed by IAPMO.

Topic areas for proposed changes to the *USHGC* include: heat transfer fluid quality for closed-loop hydronics systems; restrictions on ethylene glycol; minimum surface floor temperatures for radiant heating and cooling; glycol concentrations; stagnation prevention for hydronic heating systems utilizing potable water; expansion tanks; material standards for piping, tubing, and fittings; oxygen diffusion corrosion; PE and PE-RT piping and tubing minimum bend radii, pressure ratings, and wall thicknesses; solar thermal piping slopes; district ambient temperature loops; district load profiles; thermal resources; thermal metering; makeup water quality for closed-loop ground source heat pumps systems; six-pipe heat pump systems; setbacks for vertical and horizontal ground heat exchangers; geothermal system start-up; net zero and net positive buildings; and solar ready building.

Topic areas for proposed changes to the *USPSHTC* include: slip-resistant walkway surfaces and classifications; swimming pool floor slopes; handholds; decking materials and construction requirements; deck drainage and slopes; turnover times for artificial lagoons and therapy pools; chemical feed equipment; primary, secondary, and supplemental disinfection; water conditioning chemicals; updated water quality parameters; increased risk aquatic venues; surge tank storage capacity; entrapment prevention; heat pumps; barrier locations and alarms; electrical safety; pool and spa safety covers; diving equipment; wave pool safety; stationary wave pools; interactive water play venues and equipment; float tanks; artificial white water courses; artificial lagoons; surf pools; lazy rivers; elevated pools; and transportation and conveyor systems.

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. 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.

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