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2018 IAPMO Solar, Swimming Pool Codes Now Available

Ontario, Calif. (Aug. 22, 2018) — The International Association of Plumbing and Mechanical Officials (IAPMO) has released hardcopy and digital versions of its 2018 editions of the *Uniform Solar, Hydronics and Geothermal Code (USHGC)* and *Uniform Swimming Pool, Spa and Hot Tub Code (USPSHTC)*. Both the hardcopy and eBook (viewable on computers, tablets and smart phones) versions can be purchased and downloaded via the IAPMO web store at <https://bit.ly/2MtTToT>.

The *USPSHTC* is a model code developed by IAPMO to govern the installation and inspection of both public and private swimming pools, spas, and hot tubs to increase the safety of their operation.

Key provisions of the 2018 *USPSHTC* and changes from the 2015 edition include:

- New listing requirements for underwater luminaires
- New accessibility regulations for pool lifts and accessible routes to swimming pools, spas, and hot tubs
- New requirements for self-contained spas
- New provisions for underwater audio equipment

The *USHGC* is a model code developed by IAPMO to govern the installation and inspection of solar, hydronic, and geothermal energy systems as a means of promoting the public's health, safety and welfare. Published previously as the *Uniform Solar Energy and Hydronics Code*, the 2018 edition adds significant provisions concerning hydronic and geothermal systems.

Key provisions of the 2018 *USHGC* and changes from the 2015 edition include:

- New insulation and fasteners provisions for radiant and heating/cooling systems
- New snow and ice melt system controls
- New slab penetration tube and joint protection used in hydronic systems
- New listing requirements for ground coupled and water source heat pumps
- New certification of DX heat pumps
- New testing of vertical boreholes
- New heat transfer mediums for geothermal systems
- New provisions for ground heat exchanger testing
- New provisions for geothermal system start-up
- New electrical provisions for the installation of solar photovoltaic systems based on NFPA 70-2017

IAPMO first developed and published the *Uniform Solar Energy Code* in 1976 in response to a growing interest in residential and commercial solar energy systems. Just like the 2009, 2012, and 2015 editions of this code, the 2018 *USHGC* was developed using the American National Standards Institute (ANSI)-accredited open consensus process.

For questions about the *USHGC* contact Zalmie Hussein by phone at (909) 218-8122 or by e-mail zalmie.hussein@iapmo.org. For questions about the *USPSHTC*, contact Enrique Gonzalez by phone at (909) 230-5535 or by e-mail at enrique.gonzalez@iapmo.org.

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Sponsor of the Uniform Codes, IAPMO® – The International Association of Plumbing and Mechanical Officials – works in concert with government and industry for safe, sanitary plumbing and mechanical systems. Learn more about IAPMO at www.iapmo.org.