

IAPMO to Release 2012 Uniform Swimming Pool and Solar Codes July 1

Ontario, Calif. (April 24, 2012) – The 2012 editions of the *Uniform Swimming Pool, Spa & Hot Tub Code (USPSHTC)* and *Uniform Solar Energy Code (USEC)*, published by the International Association of Plumbing and Mechanical Officials (IAPMO), have been tentatively scheduled for release July 1, completing a three-year consensus development cycle accredited by the American National Standards Institute (ANSI).

The *USPSHTC* governs the installation and inspection of both public and private swimming pools, spas and hot tubs to ensure the safety of their operation. Significant changes to the *USPSHTC* include:

- New provisions for design, materials, and methods of construction for public and private swimming pools, wading pools, spas, and hot tubs.
- New public facility requirements including the minimum number of plumbing fixtures, ventilation, life safety/rescue equipment, signage, decks, and measuring water clarity.
- New application, water consumption, backflow, and material requirements for plumbing fixtures.
- New safety requirements for diving equipment and slides.
- New provisions that address means of entry/exit and barriers.
- New provisions for electrical safety and lightning protection systems.
- New provisions that address the handling, storage, and dispensing of chemicals.
- New installation requirements for solar, electric, and heat pump water heating equipment.
- New appendix for common practices for reducing energy consumption in regards to pools, spas, and hot tub equipment.
- Revised and updated joint and connection requirements based on applicable standards for water supply, circulation, and drainage piping based on pipe material.

The *USEC* is a model code developed by IAPMO to govern the installation and inspection of solar energy systems as a means of promoting the public's health, safety and welfare. Significant changes to the *USEC* include:

- New attic installation provisions that address the length of passageway, width of passageway, work platform, lighting and convenience outlet.
- New safety device provisions for components subjected to high pressures, and vacuum conditions.
- New freeze protection provisions.
- Revised heat exchanger requirements.
- New piping provisions that address piping materials and the identification of piping.
- New provisions for valves.
- Revised and updated joint and connection requirements.
- New requirements for storage tanks that address provisions for relief valves, temperatures, and piping.
- New provisions for expansion tanks.
- New provisions for solar collectors.
- New Chapter 9 that addresses solar thermal systems provisions for swimming pools, spas, and hot tubs.
- New electrical provisions for the installation of solar photovoltaic energy systems based on NFPA 70.
- New Chapter 11 that addresses provisions for pumps used in solar thermal systems.
- New appendix for installation guidelines in regards to solar photovoltaic systems.

The public at large is encouraged and invited to participate in IAPMO's open consensus code development process. A code development timeline and other relevant information are available at IAPMO's Website, www.iapmo.org. For more information on the *USPSHTC* and/or the ANSI consensus process, please contact Matt Sigler at (909) 230-5535 or matt.sigler@iapmo.org. For the *USEC*, please contact Hugo Aguilar at (909) 472-4111 or hugo.aguilar@iapmo.org.

