Summary of Substantive Changes
between the 2011 and 2012 editions of
NSF/ANSI 50, “Equipment for Swimming Pools, Spas, Hot Tubs
and other Recreational Water Facilities”

Presented to the IAPMO Standards Review Committee on April 8, 2013

**General:** The changes to this standard might have an impact on currently listed products. The changes as reported by NSF International are as follows:

- **Annex H**
  When Annex H of NSF 50 was modified in 2005 the procedure eliminated the specific test method for ion generators. This revision reinstates a specific test method for ion generators as well as requires statements in the listing and use instructions that communicate disinfection capabilities of the certified systems.

- **Batch chlorination systems**
  This revision updated the operating condition specifications in 15.2 for batch chlorination system components

- **Permeability**
  This revision added a test method for determination of the permeability and cake density of precoat filter media.

- **Life testing**
  This revision updated the life testing requirement for process equipment.

- **Fence barriers, chemical feed stock, multi-port valve**
  This revision included modification or updates to: fences and barriers, valve handle clarification, spa temperature requirements, hardware interlock, and sensor output signal requirements.

- **Copper tests**
  This revision deleted the requirements for copper test kits for copper/silver ion generators in 16.1 and 16.16.

- **Electrical requirements**
  This revision rewrote and moved the electrical requirements to Annex J.

- **Vacuum ports, data plates, AISI, SPS 4**
  This revision included modification or updates to: vacuum ports, data plates and normative references

- **Feeder output control, electrolytic ClBr, strainers, Annex G**
  This revision included modification or updates to: Annex G, electrolytic ClBr, non-integral strainers and feeder output control.

- **APSP**
  This revision replaced withdrawn Standard ANSI/ASME A112.19.8a with ANSI/APSP-16