



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This revision replaced withdrawn Standard ANSI/ASME A112.19.8a with ANSI/APSP-16