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American National Standards

Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically, in accordance with the developer's procedures.

Ordering Instructions for "Call-for-Comment" Listings

- 1. Order from the organization indicated for the specific proposal.
- Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.
- 3. Include remittance with all orders.
- 4. BSR proposals will not be available after the deadline of call for comment.

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org

^{*} Standard for consumer products

Public Notice of the Development of a Provisional Amendment by the Association of Pool & Spa Professionals (APSP) in accordance with ANNEX B.1.1 of ANSI Essential Requirements (www.ansi.org/essentialrequirements)

In accordance with Annex B *Procedures for the Development of a Provisional American National Standard (ANS) or a Provisional Amendment to an ANS* of the *ANSI Essential Requirements*, the Association of Pool & Spa Professionals (APSP) is preparing a Provisional Amendment to address the Bromine levels in public pools and spas.

APSP intends to ballot section 5.3.1 Pools and 5.3.2 Spas of the ANSI/APSP-11 2009, American National Standard for Water Quality in Public Pools and Spas which relate to Bromine (Br):

5.3 Bromine

- **5.3.1 Pools.** A minimum bromine residual of 1.0 ppm (expressed as Br₂) shall be maintained at all times and in all areas of the pool. The bromine concentration shall not exceed the maximum indicated on the label of the EPA-registered product when the pool is open to the public.
- **5.3.2 Spas.** A minimum bromine residual of 2.0 ppm (expressed as Br₂) shall be maintained at all times and in all areas of the spa. The bromine concentration shall not exceed the maximum indicated on the label of the EPA-registered product when the spa is open to the public.

The following section of this standard remains unchanged:

5.3.3 Operators shall refer to the manufacturer's product label for specific use concentrations since allowable concentrations can vary depending upon which brominating compound is used.

The circumstances that warrant the issuance of this Provisional Amendment relate to compliance with the U.S. Environmental Protection Agency (EPA) recommended levels of Bromine as part of registered sanitizers and systems which is ever changing.

As further background information, a quick survey of registered EPA products at the US EPA's Pesticide Product Label System web site, http://ofmpub.epa.gov/apex/pesticides/f?p=PPLS:1, revealed the following sampling of upper limits:

EPA Reg.	Product Type	Date	Av. Br.
No.			Max.
7616-81	98% BCDMH, "Floating brominator"	2008	6 PPM
6836-211	90/10 blend of BCDMH & DBDMH	2011	6 PPM
69470-34	85/15 blend of dichlor & NaBr	2014	7 PPM
8622-49	NaBr with separate oxidizer	2013	(7, 3)*
8622-69	NaBr with electrolytic cells	2015	8 PPM†

- * No fixed limit. Initial pool treatment would be ~7 PPM of available bromine, but bromide could accumulate to higher levels with subsequent treatment and be oxidized by chlorine. At a 4.0 PPM chlorine limit, bromine could reach 9.0 PPM. For spas, an upper limit of 3 PPM is suggested, but wording is vague enough to allow wide variation.
- † The product is intended only for indoor and covered outdoor spas. If the bromine level exceeds 8 PPM, the spa is to be turned off until the bromine level drops below 5 PPM.

Once the Provisional Amendment is approved by APSP, the current ANSI/APSP-11 2009 will be updated to reflect the correct information in 5.3 relating to maximum Bromine levels. APSP agrees to comply with all of the requirements in Annex B of the ANSI Essential Requirements related to a Provisional Amendment.

The Provisional Amendment is intended to ensure the prompt dissemination of new health and safety criteria. Following approval, copies of the ANSI/APSP-11 2009 standard, including the Provisional Amendment, may be obtained from APSP Headquarters, 2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314. Contact APSP Director of Standards Promotion and Adoption Susan J. Hilaski at 703-838-0083 x150 or e-mail shilaski@apsp.org.