



## MEETING LOG

**SUBJECT:** PHTA-16 Standard Writing Committee (SWC) Meeting

**FY 23 OP PLAN ENTRY:** Swimming Pools/ Spas Drain Entrapment

**DATE OF MEETING:** 2/26/2024

**LOCATION OF MEETING:** Virtual

**CPSC STAFF FILING MEETING LOG:** Mark Eilbert

**FILING DATE:** 3/18/2024

**CPSC ATTENDEE(S):** Mark Eilbert, LSM

**NON-CPSC ATTENDEE(S):** Contact Pool and Hot Tub Alliance (PHTA) for the full attendee list

### Summary of Meeting:

Following a TG member's presentation, the PHTA-16 SWC discussed the "blockable" and "unblockage" designations (3.2.4), and reviewed and discussed task group (TG) reports on change requests (CRs) to ANSI/APSP/ICC-16 2017 *Standard for Suction Outlet Fitting Assemblies (SOFA) For Use in Pools, Spas, And Hot Tubs*.

An "unblockable drain" is a suction outlet fitting assembly (SOFA) that cannot be blocked by the body block element (BBE), a test device with dimensions 18 in X 23 in (46 cm X 58 cm) with 4-in (10 cm) corner radii. A TG member presented illustrations of the geometry of the BBE and the extent that the BBE profile, particularly the corner radii, blocks various drain covers installed over drain sumps and over open drain sumps without covers. Attendees agreed with the CPSC staff interpretation of the definition of unblockable drain is that both the drain covers and drain sump must be assessed separately for the SOFA to be considered an "unblockage drain". The TG also discussed a range of topics, including the requirements for calculation of blockage force by registered design professions (RDP). CPSC staff noted that both the drain cover and the sump could be replaced to suit dimensional requirements in the pool, but not necessarily under the guidance of an RDP. A TG member agreed and suggested that to remain "unblockable" after a drain cover or sump replacement or modification, instructions to the installer should be added to require reevaluation of the unblockable status of the drain cover and the sump. The TG agreed to form a TG to create language for the RDP and the installer concerning the unblockable and blockable designations for the drain cover and the sump.

The PHTA-16 Task Group leader briefly discussed the TG reports on the CR's for sections 3.2.4, 5.2.1, 5.2.2, 5.9.3.2, 5.9.6.3, 5.10.1, 5.9.3.5, 5.9.7.1, 5.9.7.7, 6.4.3, 5.9.7.5, and 5.10.2. A TG member plans to draft language for Storable Pools (1.2.7- expired) and introduce a proposal at a later TG meeting.

### Next Steps:

The next virtual meeting of the PHTA SWC is scheduled for March 25, 2024.



United States  
**Consumer Product Safety Commission**

**U.S. Consumer Product  
Safety Commission**  
4330 East-West Highway  
Bethesda, MD 20814  
[cpsc.gov](https://www.cpsc.gov)

**National Product Testing  
& Evaluation Center**  
5 Research Place  
Rockville, MD 20850