



MEETING LOG

SUBJECT: PHTA-16 Standard Writing Committee (SWC) Testing Task Group Meeting

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

DATE OF MEETING: 3/7/2024

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:

The Task Group (TG) discussed change requests (CRs) to ANSI/APSP/ICC-16 2017 Standard for Suction Outlet Fitting Assemblies in Pools, Spas, and Hot Tubs that address the Ultraviolet (UV) Exposure Test method (4.2), the Pull Load Test (4.8), and the flow measurement (5.4.2)

The UV test is to condition the plastic material of suction outlet fitting assemblies (SOFA) that are exposed to sunlight during normal use, including drain covers, to an approximate lifetime exposure to sunlight using irradiation test chambers. The CR addresses the efficiency of the UV test, which is currently performed on samples with equivalent plastic properties as the SOFA, including color additives. The CR seeks to require testing on a reduced set of colors instead and allow those colors to represent the full color spectrum for drain covers. The TG discussed which and how many colors to require and that the base polymers must be identified. Pull test and water flow measurements were also discussed:

The Pull Load Test is required for drain covers that afford a finger grip. The CR seeks to add clarity to the dimensions of the finger grip. The TG discussed the use of the UL finger probe to assess finger grip and agreed that the passage of the first joint should signify a finger grip.

Water flow measurement (5.4.2) is accomplished with an instrument and has requirements for accuracy and proper placement in the water piping system. A CR was submitted to allow an exception for swim jet fittings, which have no piping or plumbing to place a flow meter. After discussion, the TG agreed that the flow rate for swim jet fittings should be calculated using standard methods. Modified language for swim jets will be discussed in the next TG meeting.

Next Steps:

The next meeting of the PHTA SWC TG is scheduled for March 21, 2024.