

## Voluntary Standards Meeting Log

**SUBJECT:** ASTM F15.79 Beach Umbrellas (BU) Task Group

**LOCATION:** video conference

**DATE OF MEETING:** March 1, 2023

**LOG ENTRY DATE:** March 6, 2023

**LOG ENTRY SOURCE:** Andy Newens (ESMC)

**CPSC ATTENDEE(S):** Caroleene Paul (ESMC), Andy Newens (ESMC), Fred DeGrano (ESMC), Lawrence Mella (ESMC)

**NON-CPSC ATTENDEE(S):** Contact ASTM for the attendee list.

### SUMMARY OF MEETING:

The Beach Umbrellas (BU) Task Group was formed by the ASTM F15.79 Market Umbrellas Subcommittee for the purpose of developing new BU safety standards and test methods. There currently are no established safety standards for sand-mounted BUs. The primary hazard of concern stems from several incidents in which a fly-away BU seriously injured a beachgoer (including two deaths) after the wind pulled it out of the sand and sent it airborne.

The Task Group discussed remaining testing needed to develop a BU performance standard. CPSC staff discussed the planned wind tunnel testing, which is tentatively scheduled for April 2023, pending contract finalization. Furthermore, the group discussed that the standard should be based on performance requirements and not a design standard, so that market-based innovation can be free to meet the standard. Lastly, staff reiterated that the testing narration in the standard should include consideration of the vibration that weakens the hold of sand on an umbrella pole/anchor, for example, through cyclical testing. The Task Group agreed that the standard should provide the option of either wind-tunnel-based or laboratory-based testing.

Follow-up action steps are for members of the Task Group to perform testing and contribute additional data to what has been provided by CPSC staff. CPSC staff also requested that members of the Task Group review and comment on the draft standard that was shared on the collaboration site. The next virtual Task Group meeting is planned for April 5, 2023. There will be an in-person/hybrid meeting on May 11 at the ASTM Committee Week in Denver, CO, along with the Market Umbrellas Subcommittee.