



MEETING LOG

SUBJECT: ASTM F24.24 and F24.40 VR/AR Task Group Meeting

FY 24 OP PLAN ENTRY: Amusement Rides, Trampoline Parks, and Adventure Attractions

DATE OF MEETING: 12/15/2023

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Thomas Caton (ESMC)

FILING DATE: 12/19/2023

CPSC ATTENDEE(S): Stephen Harsanyi (ESHF), Thomas Caton (ESMC), and Treye Thomas (EXHR)

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

Summary of Meeting:

The ASTM F24.24 and F24.40 subcommittees¹ met as a task group to discuss

- the results and negative vote comments pertaining to two ballots for VR/AR accessories used with amusement rides,²
- cleaning, sanitization, and disinfection of shared, head-worn accessories and other worn accessories,
- how to add specificity to the proposed requirements and the potential adverse implications of the requirements, such as degradation of materials,
- environmental impacts of the requirements, both harm to the natural environment and adverse effects of the environment on the equipment and cleaning, sanitizing, and disinfecting procedures,
- the growing popularity of VR attractions and the implications for attractions that are self-attended,
- relying on consumers to clean/sanitize/disinfect the product themselves prior to wearing it.

One task group member indicated that she would try to get more incident data for the group to discuss.

CPSC staff:

- recommended (1) coordinating and aligning with UL 8400³ where feasible and appropriate and (2) specifying cleaning, sanitization, and disinfection efficacy levels and how to qualify/validate the cleaning procedures,
- explained that children, particularly under age 8, may be at greater risk for harm associated with inadequate cleaning, sanitization, and disinfection.

Next Steps:

The task group will continue to work on the draft requirements and present the draft to the full subcommittees during the next subcommittee meetings.

No additional task group meetings have been arranged at this time.

¹ ASTM F24.24 on Design, Manufacture, Installation, and Commissioning corresponds to ASTM F2291, *ASTM Standard Practice for Design of Amusement Rides and devices*. F24.40 on Operation corresponds to ASTM F770, *Standard Practice for Ownership, Operation, Maintenance, and Inspection of Amusement Rides and Devices*.

² ASTM ballots F24.00(23-07), Item 006, and F24.40(23-01), 001.

³ UL 8400 is the *Standard for Safety, Virtual Reality, Augmented Reality, and Mixed Reality Technology Equipment*.

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