



MEETING LOG

SUBJECT: ASTM F15.42 Subcommittee Task Group on Recliner Entrapment

FY 23 OP PLAN ENTRY: Recliners

DATE OF MEETING: 7/24/2023

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Kristen Talcott (ESHF)

FILING DATE: 9/7/2023

CPSC ATTENDEE(S): Kristen Talcott (ESHF)

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

Summary of Meeting:

This was the first meeting of the task group, which was formed in the July 10, 2023 ASTM F15.42 Furniture Safety subcommittee meeting on recliner-related hazards. This task group focus is addressing entrapment hazards in recliners and other motion furniture in support of development of a new voluntary standard.

Task group members started the meeting by reviewing the April 27, 2023 CPSC staff letter to the ASTM F15.42 subcommittee, which included two identified hazard patterns involving children and recliners: 1) entrapment in the foot support lift mechanisms beneath the recliner, which is compounded by motorized lift mechanism; and 2) entrapment related to the movable foot support. Discussion included whether the new standard should focus on head/neck entrapment or include additional potential hazards. Task group members expressed interest in the standard covering scissoring, stability, electrical safety (including shock hazard and overheating), and adult inability to get out of a reclined chair in addition to the entrapment hazard. Task group members also discussed the potential scope of the standard; a separate task group for scope was formed in the July 10 subcommittee meeting, but the group had not met prior to the meeting. The task group chair presented notes on existing standards with entrapment requirements, including 16 CFR 1213 (bunk beds), UL962 (entrapment force measurement), CSA C22.2 (motor-operated appliances), ASTM F2613-22 (children's chairs and stools), and BS EN 1176 and 1177 (playground equipment).

During the meeting, CPSC staff encouraged focus on the entrapment hazard scenarios presented in the CPSC staff letter: child entrapment in the foot support and in the lift mechanisms under the footrest and chair. Staff recommended looking at probes to address entrapment in the foot support and limiting access to mechanical parts and limits on forces while closing to address entrapment in the lift mechanisms.

Next Steps: Task group members hope to schedule another meeting prior to the September 21, 2023 ASTM F15.42 subcommittee meeting in Kansas City, MO.