

MEETING LOG

SUBJECT: ASTM F15.42 F3096 Tip Restraints Task Group on Static and Dynamic Testing

FY 24 OP PLAN ENTRY: Clothing Storage Units (CSU) Tip-overs

DATE OF MEETING: November 20, 2023

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Kristen Talcott (ESHF)

FILING DATE: November 22, 2023

CPSC ATTENDEE(S): Kristen Talcott (ESHF)

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

Summary of Meeting:

Task group members continued discussion of potential changes to testing for anti-tip devices, including static and dynamic testing.

Discussion included:

- One of the task group chairs shared calculations on the weight and drop heights required to induce a 60-pound dynamic force. He is investigating the effect of slack in the force imparted onto an anti-tip device, more slack leads to a higher force on the anti-tip device; still needs to explore the effect of the angle of the anti-tip device.
- Task group members discussed ways to address slack. Task group members suggested that the instructions task group address instructions to consumers to limit slack. CPSC staff pointed out that it is hard to remove slack for some anti-tip designs because there is not enough clearance to fully tighten to the wall; for other designs, such as rigid brackets, slack is not an issue. Task group members are still considering ways to address slack in testing.
- Task group members are interested in holding an in-person lab meeting to do testing demonstrations. The current plan is to hold this meeting in conjunction with the next ASTM F15.42 Furniture Subcommittee Meeting in May 2024. Task group members need to determine what testing to demonstrate in the meeting and suggest additional meetings to plan.
- Task group members are still considering whether to address attachment to the wall and to the clothing storage unit, or just the strap/bracket and connectors. Task group members are still concerned that addressing attachment to the wall would be difficult.

During the discussion, CPSC staff reiterated their interest in requirements and testing to address the entire anti-tip device system, including attachment to the wall and clothing storage unit. Task group members still question whether attachment to the unit should be addressed in ASTM F2057 *Standard Safety Specification for Clothing Storage Units* instead of ASTM F3096 *Standard Performance Specification for Tipover Restraint(s) Used with Clothing Storage Unit(s)*. Task group members are also interested in accommodating innovative anti-tip device designs that may require testing with a specific clothing storage unit.

Next steps: Task group members plan to hold additional meetings prior to the May 2024 ASTM F15.42 Furniture Subcommittee meeting to plan for the in-person lab meeting.