

## **U.S. Consumer Product Safety Commission Log of Meeting**

**SUBJECT:** Teleconference/Web meeting with the ASTM F15.42 Furniture Subcommittee

**DATE OF MEETING:** June 10, 2020

**LOCATION:** Teleconference

**LOG ENTRY SOURCE:** Kristen Talcott

**DATE OF LOG ENTRY:** June 12, 2020

**CPSC ATTENDEES:** Kristen Talcott, Rana Balci-Sinha, Susan Bowley, Patty Edwards, Tammy Massie, Hope Nesteruk, Andrew Newens, Daniel Taxier, Suad Wanna-Nakamura

**NON-CPSC ATTENDEES:** Contact ASTM for the full list of attendees

### **SUMMARY OF MEETING:**

After roll call, agenda and minutes approvals, two videos showing real-life furniture tip-over were played and discussed. One was a news report with a child climbing a dresser with filled and open drawers, the other showed with two children on the lower drawer of a bookcase/storage combination unit.

### **Task Group Reports:**

- 1) Loaded/Multiple Drawers - The task group is looking at two tests, 7.1 with drawers all fully loaded and 7.2 with the pull out drawer fully loaded and other drawers ½ full. Task group has collected some data and is interested in additional data. Discussion included: interlocking drawers as a potential design solution and how to test, dressers with child locks (would not protect older children), and a potential requirement related to toe holds.
- 2) Scope - This task group last met in February 2020 and reviewed information from manufacturers on dimensions and volume of nightstands and dressers to try to develop a way to differentiate between a nightstand and a CSU. Some task group members developed a decision tree to identify in scope products, which they plan to share with the subcommittee.
- 3) Labeling Task Group - The task group has not met recently. They have previously discussed a temporary warning sticker or hang tag that requires the initial purchaser to interact with (remove) it.
- 4) Test Methodology - Reviewed the proposed changes to the test apparatus that the task group came up with at an April 27, 2020 task group meeting, which includes removing lead weights, and changes to the dimensional tolerances. The chair believes that most of the proposed changes are ready for ballot. The subcommittee also discussed proposed new figures that provide clarification on how to place the test weight.
- 5) Dynamic Loading - A test plan for dynamic loading (vertical drop, horizontal impact and drawer impact) and results were reviewed. While the tests performed were not based on actual incident actions, they are considered a starting point to the development of a dynamic test.

- 6) Head Entrapment - The task group chair used probes and test methods found in other ASTM standards to test the drawer of a unit involved in an entrapment incident. In all cases, the unit passed these tests. Other tests with a mannequin showed that the drawer could close with the head trapped inside. The dresser contains a partial bounded opening on the drawer front that becomes a completely bounded opening when closed.
- 7) Carpet Testing - The task group plans to test units on a hard floor and a rubber mat to see how the testing surface changes stability. The rubber mat has been proposed as a more easily standardized test surface that could simulate the effect of carpet.
- 8) Age/Weight Task Group - This task group has not met recently. The task group chair plans to review the latest data provided by CPSC back in February and then call a task group meeting after his review.
- 9) Operational Slide Length - There was no report for this task group.
- 10) Tip Restraint Task Group – There was no report for this task group, but the subcommittee chair said that the scope of the task group is limited to dynamic testing of the restraints and will not address other changes to the standard.

CPSC Update - The new CPSC furniture tip-over team lead (Kristen Talcott) provided an update on the changes to the team since the last subcommittee, current team activities, and related contract work.

The next meeting scheduled for November 12, 2020. Ballot items should be sent to ASTM before August 1, 2020, so that there is time to ballot and review the results before the meeting.