

**U.S. Consumer Product Safety Commission
LOG OF MEETING**

SUBJECT: ASTM F15.42 (Furniture Safety) Tech to Tech Meeting

DATE OF MEETINGS: October 18, 2018

LOG ENTRY SOURCE: Michael Taylor

DATE OF LOG ENTRY: October, 2018

LOCATION: NPTEC 5 Research Place, Rockville, MD 20850

CPSC ATTENDEE(S): DeWane Ray, Michael Taylor, George Borlase, Allyson Tenney, Mike Nelson, Peter Feldman, Chris Hudgins, Dottie Yahr, Chuck Smith, Jana Fong-Swamidoss, Adam Suchy, Viola Szeszel-Fedorowicz, Kristen Talcott and Maxwell Sanborn

NON-CPSC ATTENDEE(S): Bill Perdue, John Wilborne, Blake Gudbaur, Amy Kruse, Gary Bocock, Mike Lazorchick, Matt Howsare and Will Wallace

SUMMARY OF MEETING:

Bill Perdue of AHFA opened the meeting and began his power point presentation which highlighted the recent ASTM Ballots. His goal was to have some of these issues worked out and discussed with CPSC staff prior to the November 7, 2018 meeting.

The first issue discussed was the test weight tolerance and proposed language concerning the test weight contacting the bottom of the drawer during testing. The group agreed that more testing is needed to understand impact of the test mass contacting the drawer bottom but the centerline of the fixture strap can be moved out over the drawer front in an effort to align the center of gravity of the two test masses. Also a different fixture may be needed to test shallow drawers that do not support the current test fixture design to ensure the mass is applied to the drawer front during the test. Blake Gudbaur of Delta Children drafted language to clarify test fixture application and will share it with the subcommittee members at the upcoming meeting on 11/7. After further discussion consensus was reached for a weight tolerance of 25 lbs. ± 0.25 lb. per test mass and total fixture tolerance of 50 lbs. $-0/+1.5$ lb .

The next issue discussed was a time requirement for the loaded drawer test. Consensus reached on requiring a time. Bill would like to discuss rationale for the amount of time required with the subcommittee. Consensus was also reached on a tolerance for level floor to perform testing, $\pm 0.25^\circ$.

AHFA and CPSC share the same concerns with the recent ballot on operational slide length which introduces two undefined terms "mechanical feature" and "override". Consensus was reached that the language must be clarified to test drawers extended to a

minimum of 2/3 OSL in the case of multiple outstops if drawer is capable. CPSC staff to draft and proposed language for 11/7 subcommittee meeting.

Carpet testing was discussed and CPSC staff shared concerns with variability of test materials. CPSC staff will share carpet test protocol to verify repeatability with other test labs when it is finished. Consensus reached that CPSC's intention is not to add a test on carpet to F2057 but translate test results to a hard, flat, inclined test surface to simulate worst case identified from results of testing with CPSC carpet test protocol.

Bill Perdue briefly discussed AHFA/UL stability verified program and indicated F2057 will be the test protocol for this program. Amy Kruse of Sauder Woodworking talked about participation in the program and their intention to label the product and packaging with the UL mark.

There was a brief discussion about a weighted drawer test by loading the drawer to simulate real world use. There is a test protocol used by BIFMA. Feedback from AHFA indicated the current test in F2057 is more onerous. Amy indicated this test scenario had produced same results as current F2057 testing. Also the ASTM group may have experimented with performing this testing many years ago, Amy will search for the data from the testing.

AHFA members present were pleased with progress during the meeting and indicated hopes that this is just the first tech to tech meeting CPSC staff will support. Bill Perdue also shared their plan to hire an outside consultant to look close at tipover data to identify any additional conclusions.

CPSC staff indicated the 2017 Tipover report was posted to the website. Also shared plans for FY19 tipover testing of samples obtained with FY18 Midyear funds. CPSC plans to conduct testing of hazard scenarios identified in the ANPR as well as explore dynamic scenarios involving children under 50 lbs to gain a better understanding of these impacts on furniture tipover.