

SUBJECT: ASTM F15 Juvenile Products Subcommittee Meetings

DATE OF MEETINGS: May 6-8, 2019

LOCATION: ASTM Headquarters, West Conshohocken, PA

CPSC ATTENDEE(S): Hope Nesteruk (ESME), Celestine Kish (ESHF), Suad Wannan-Nakamura (HSPP), Jill Jenkins (Econ), and others attended for specific meetings or via telephone

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

SUMMARY OF MEETINGS:

Monday May 6, 2019

F15.66 Crib Mattresses, additional CPSC attendees: Max Sanborn (phone)

Old business: The subcommittee discussed three items from ballot F15 (19-04).

- Item 6: the negatives were found persuasive and the item returned to the task group to define infant mattresses to not include toddlers
- Item 7: 2 comments only, neither were persuasive
- Item 8: The subcommittee agreed to consider the CPSC staff comment in task group.

Task group reports/Other topics of discussion:

- Coils: the subcommittee discussed the issue of broken coils and felt most were manufacturing issues with the metal used in the wires, and that the standard was intended to find design, not manufacturing, issues. Therefore, the task group will still consider a test for coil breakage, but will focus on identifying design issues.
- Compression: the subcommittee discussed the photos provided by CPSC staff of a mattress that produced gaps when the sheet was installed, but the same sheet could also be installed in a manner that did not produce gaps. The subcommittee asked CPSC staff to test the mattress in the sizing box specified in the standard and share results.

F15.18 Bassinets, additional CPSC attendees: None

Ballot F15 (19-03)

- Item 2 (lid warning): Negatives were found persuasive and the item returned to task group. The subcommittee discussed at length and decided that they would like the task group to prevent lids for infant sleep boxes.
- General warnings: Negatives were found persuasive and the item returned to task group.
- Item 3 (Scope): One negative was found persuasive and ad hoc language will be added before reballotting

Task group reports/Other topics of discussion:

- Ad hoc language/compact bassinets – the task group was considering allowing the ad hoc provision for a secondary, non-conspicuous location for some warnings. After discussion, the subcommittee agreed to leave all warnings conspicuous.
- The subcommittee agreed to send to ballot an item that would limit total mattress thickness to 1.5 inches.

F15.18 Toddler Beds, additional CPSC attendees: None

There was one outstanding ballot, F15 (18-10), with one item:

- Item 9: Negatives withdrawn

The chair indicated he planned to notify CPSC of the revision once the -19 version of the standard was published.

New Business:

- The subcommittee briefly discussed certain NFS cribs that convert to toddler beds, which differ than the toddler beds addressed in the standard, which are conversions from full-size crib. The subcommittee decided to monitor the product area for potential later action.

F15.18 Play yard Fit and Thickness task group

This task group met during the lunch break for the other subcommittees. During the hands-on meeting, the task group discussed testing gaps with probes and overall thickness of the mattress. The task group reached consensus to recommend allowing mattresses up to 2 inches of total thickness as long as there was no gap around the mattresses as an interim measure until a probe can be developed.

F15.18 Play yards/NFS Cribs, additional CPSC attendees: None

Old business:

- A new standard has been recently published and the subcommittee chair stated she would ask ASTM to notify CPSC of a revision under the provisions of PL 112-28.

Task group reports:

- Fit and thickness: The task group chair reported that the task group had just met and recommended developing a ballot item to allow for 2 inches of total thickness (a 0.5 inch increase) without a gap. The task group will work on this over the summer and develop a draft ballot item for the fall meetings.
- Ad hoc language: The task group chair reported that the task group is progressing, but has not yet completed their work. Current focus is on the suffocation warning regarding mattress use.

New business:

- New task groups were formed to discuss
 - Scope interpretations regarding rigid products with mesh panels.
 - Entrapment in accessories exemption
- Stability device – A.1.28 – 3 shelf stability device – question about weight and design of product, and if the top shelf should be solid. Health Canada will look at the intent behind their figure and report back.
- Secondary vertical displacement – there was a question about how to measure the distance.
- Clarification 9.4.2.6 –original mfr can have a designed product, but 3rd party mfr product isn't "improvised" - CPSC staff sent subcommittee chair a 2012 recall announcement for the crib tents for consideration.

F15.16 High Chairs, additional CPSC attendees: Stefanie Marques (phone), Carlos Torres (phone)

Task group reports:

- Reclined infant seat: The task group reported that they had an in-person meeting at the CPSC lab and based on the discussions and tested, the group is considering developing a test similar to the sibling interaction test in the bassinet standard.
- Proposed timeline to develop stability standards for Reclined infant seats by October 2019.

Tuesday May 7, 2019

F15.16 Gates/Enclosures, additional CPSC attendees: Kevin Lee, Jill Hurley (phone), Carlos Torres (phone), Lawrence Mella (phone), Keysha Walker (phone)

Old business: The subcommittee chair announced that the new standard should be approved on June 1 with publication shortly thereafter. CPSC staff reported that the NPR briefing package was in progress and should be sent to the Commission after the standard is published.

New business: CPSC staff asked if the subcommittee considered fixed-sized gates to be within the scope of the standard, in light of the name of the standard being “expansion gate and expandable enclosures.” Consensus in the subcommittee was that they were included, and the name was a leftover from the original focus of the standard, which was on accordion-style gate entrapments.

Ad hoc scope, additional CPSC attendees: None

Old Business

- Travel Tent Task group –no data to review, hopefully CPSC will share in the next month or so.
- Mini-crib converted to toddler beds – uses non-full size crib mattress in toddler bed configuration, but the toddler bed standard defines a toddler bed as using a full size crib mattress. Ad Hoc Scope committee to monitor and make a recommendation as to which direction to go after doing a market survey.
- Ad Hoc Scope Chart is making some minor changes to some pictures and it will be available on F15 Documents.
- Bed sharing infant products will move from “monitoring data” to “standard in development.”

New Business

- Glider: New product that moves like a swing, but is supported from bottom (rather than suspended from above). Company tests to swings right now because most like swings, but there was a suggestion that adding “glides” to swings may be helpful.

F15.17 Stationary Activity Centers

Meeting canceled, rescheduled date to be determined.

F15.21 Soft Infant Carriers, additional CPSC attendees: Keysha Walker (phone)

Old business & Task group reports

- Unbounded leg openings task group – Task group reported that labs were testing slightly different for some use positions or when mfr says for 12lb +. One option is to keep truncated cone to each position, but that doesn’t account for carriers that start at higher weight range. Task group is looking into a larger cone based 50th percentile of older children.

- Flammability – Issues started out as a clarification, grew into larger clarification. Task group is still working to clarify the difference between products tested to 1610 vs flammability of solids.
- Fastener strength: Testing has shown some products where the fastener didn't fail, but the fabric around the fastener failed (ripped material). Task group is considering adding wording to include material on which fastener is attached to 3.1.6 or adopting the current EU test.

F15.21 Sling Carriers, additional CPSC attendees: Patty Edwards, Tim Smith, Keysha Walker (phone)

Ballots:

- F15 Ballot 19-02 Item #6 - Changes to allow 2 occupant slings. One negative wants a task group to be created to examine double carriers. Motion made that the negative is non-persuasive; found non-persuasive with a vote of 5-0-3. However, the negative will not go through to main committee, because other negatives were persuasive. The discussion that followed the motion noted that there is a lack of incident data and that these products have been sold in EU for a while now, as are soft infant toddler carriers that carry twins (SITC has no restriction regarding # of occupants, where the sling standard currently restricts to one).

Task group reports:

- Babywearing apparel - Task group was to compile types of products out there and any testing being done on them. Some manufacturer's shared with subcommittee members that they feel their products are outside the scope of the standard and thus, they don't have much interest in being part of the subcommittee. Two of the four manufacturers tried to get their products tested but did not have good results. The task group will continue to work on this.

F15.19 Infant Bedding, additional CPSC attendees: Patty Edwards, Tim Smith, Mark Eilbert (phone)

Old business:

- Ballot 19-01 item 7: negative vote is waiting to withdraw until work on the definition is done.
- The standard is overdue for its 5-year review, so the chair reviewed the new proposed language for the whole standard, including incorporation of ad hoc language and new firmness requirements for crib bumpers. Because it will be difficult to ballot the items in chunks, due to new definition of crib bumper/liner, the

chair reported she will try to find one “easy” section to ballot to avoid the standard being withdrawn.

Wednesday May 8, 2019

F15.18 Infant Incline Sleep Products, additional CPSC attendees: None

A separate meeting log for this meeting has been filed.

Ad Hoc Language: additional CPSC attendees: Patty Edwards, Tim Smith

The subcommittee chair reviewed the results of the recent ballot. Since this is not a standard, but just a committee document, the attendees do not vote on whether or not the negatives are non-persuasive. After review of the ballot results, several changes will be made to the recommended language and the new document will be posted under F15 committee documents.

F15.20 Bathers: additional CPSC attendees: Patty Edwards

The chair reported that a new standard has been published: F3343-19

Old business/Task group reports:

- Bathers that attach to tub or sink: The group reported they were not aware of many product on the market, and will continue to monitor.
- Add part to discussion: 3.1.4 – infant bather used in adult tub/sink that is in or supported by the tub/sink will be sent out to ballot.

New Business:

- A subcommittee member raised a concern the warnings “use in tub with water,” suggesting using Bath Seat warning vs bath tub warning. Consensus was that it is a safer practice to keep as is, because the products don’t contain water.
- Ad Hoc Language recommendations will be added.
- One member asked if this is a durable product requiring 104 rulemaking. CPSC staff replied that it is not on the list in 16 CFR 1130.

F15.21 Infant Swings, additional CPSC attendees, Patty Edwards

Ballot Results

- F15 19-04 #5, tethered strap requirement. There were two negative votes. The first negative had several aspects that were all withdrawn except one about Figure Y. It was found persuasive and will be reballoted. The second negative also had several parts. Some were withdrawn. One was a negative on section 7.x.6 because it lacked a force. Much discussion followed and it was decided to add a small (5 lb) force to 7.x.7. There were also a couple of other issues in the same section. Changes will be made and reballoted.
- Ballot F15 18-10 #10 Ad Hoc Language ballot. One negative was withdrawn. The second negative dealt with conflicting warnings if the swing is part of a combo product (*e.g.*, Cradle Swings). The subcommittee decided to modify the language based on the negative. The third negative contained many issues. Since this ballot item is being reballoted, new battery warning language will also be included.

Task Group Reports - No reports.

New Business –

- Gliders – A new task group was formed to address gliders and other swings with non-horizontal types of motion (discussed under ad hoc scope). Task group to look at these products and how they could be incorporated.
- Definition states that the swing should be used until child can sit upright, unattended. But the warnings say when child starts to climb out. Difference of about 3 months. Task group to be established to look at.

F15.18 Infant Rockers, additional CPSC attendees: Patty Edwards

Old business:

- Battery requirements: The task group reported on their work and will continue work.

F15.18 Changing tables: additional CPSC attendees: Patty Edwards

No ballots

Old business:

- All changes from last meeting are editorial

F15.16 Infant Floor Seats, *only* CPSC attendees: Lawrence Mella

The occupant retention task group met in a hands-on session to evaluate test methods for occupant retention. The task group discussed whether the issue lies within product stability, occupant retention, or a combination of both. A suggestion was made to improve the stability test, remove the occupant retention test, and create a secondary stability test to be applied to products without active restraints. The task group will continue to test different samples based on the current stability requirements of the standard and evaluate differences in product designs.

Thursday May 9, 2019

F15.17 Infant Walkers, additional CPSC attendees: Patty Edwards, Ben Mordecai (phone)

Task group report

- Task group has been working on creating a best practices for testing appendix, which was not quite ready for balloting. Should be balloted for next meeting. Will address:
 - 6.1.1 Tipping Resistance
 - 6.1.2 Occupant Leaning Over Edge
 - 6.3 Prevention of Falls

F15 In Bed sleepers, additional CPSC attendees: Patty Edwards, Keysha Walker (phone)

This was the first meeting of the new subcommittee. Therefore, there were no ballots and no old business. Topics discussed as new business include:

- The term “co-sleeper” is trademarked by a bedside sleeping company and should not be used for in-bed sleepers.
- Request for new data, which is needed for development of a new standard. Some members asked that the data include all overlay incidents, including couches and beds with no product present, in order to evaluate all risks. CPSC staff responded that we will try, but it may be difficult.
- Task groups were formed for (1) Data review, (2) performance requirements and test methods and (3) warnings. CPSC staff on all three.

F15.17 Strollers; additional CPSC attendees: Patty Edwards, Kristen Talcott, Keysha Walker (phone), Brian Baker (phone)

Ballot results:

- F15 19-03 Item #1(Change to section 4.1 on test surface): One negative vote. Prior to the meeting, the subcommittee chair discussed the negative with the voter and they found that the tip over test (section 7.10) is supposed to be done on vinyl, but it

refers to 4.1. The voter plans to withdraw the negative once the reference in section 4.1 is addressed.

Old business/Task group reports:

- Jogging Wheel Detachment Task Group - The subcommittee reviewed the EN standard proposals:3.4 Movement on an irregular surface. The task group is trying to harmonize with new jogging stroller test method, which includes an additional 36,000 revolutions on the rolling road test fixture at 8 kph. At the ISO meeting (last month) members showed that the rolling road requirements were not consistent. They are reviewing the rolling road specifications to increase standardization. CPSC staff are planning to buy a rolling road and will do testing, including how front wheels are mis-installed when consumers believe it has been properly installed. The subcommittee will try and obtain data from ISO about the rolling road test so staff can see the differences in equipment and issues ISO has already noted.
- Parking Brake Task Group - The group is looking to define accessibility zone. To date, the task group has reviewed what is already in the standard and also what is in the EN standard for bicycle trailers, but the he task group could not come to a decision and will continue to work on it.
- Car Seat on Stroller Task Group - Section 6.6.1 doesn't list all the sections for combo products. The task group recommends that the missing ones get added. And, wording for "combo" varies in the standard and needs to be standardized. The task group will pull together a ballot item for subcommittee consideration. The task group also plans to discuss frames that hold car seats.
- Supporting Test Weight Task Group – The task group is looking to move Note 5 into the body of the standard and define "support test weight." The task group is working to put a ballot proposal together.
- ISO standard - looking at the end of next year for the ISO stroller standard to be published.
- Stroller and Tricycle combo products. EN included these products in their standard but didn't add any additional requirements. One manufacturer provided an overview of their products, which uses the ANSI trike standard plus their own internal standards. They feel it is not a stroller but a developmental product and it should have its own standard. They are also talking with the Toy Association about updating the ANSI trike standard to include new requirements based on internal testing. A new task group was formed to determine if tricycle strollers are within the standard or should be covered by a new standard.

F15.21 Hand-held Infant Carriers: additional CPSC attendees: Patty Edwards, Kristen Talcott

No ballots

Old business/Task Group Reports

Task Group Reports –

- Handle Strength Requirements – The task group reported they are nearing completion of handle strength requirements and the next steps are either round robin testing or submit for ballot. Only one mfr agreed to test, but testing labs didn't offer to do round-robin testing.
- Warnings – Will incorporate latest ad hoc language and comments from the subcommittee for task group to review.
- Shopping cart – the task group continues to work and is considering some of the language in the warnings.