

**LOG OF MEETING  
DIRECTORATE FOR ENGINEERING SCIENCES**

SUBJECT: ASTM F15 Subcommittee Meetings

DATE OF MEETING: October 5 – 9, 2015

PLACE OF MEETING: ASTM Headquarters

LOG ENTRY SOURCE: Patty Edwards

COMMISSION ATTENDEES: Several EXHR staff members

NON-COMMISSION ATTENDEES: See ASTM for roster

SUMMARY OF MEETING: See Below

**Infant Inclined Sleepers –**

Task Group work that is still ongoing (nothing decided/resolved):

- Name of Standard (should it be Infant or Baby Inclined Sleepers)
- Definition Revisions (to consolidate what is there now)
- Categorization of Products (consistency issue)
- Warning Label Format (Staff's suggestions)
- Compact Inclined Sleepers (warning location on the front, like bouncers?)
  - Request made to have CPSC staff look at the data with compact products (Nap Nanny style) and determine whether or not those products would meet the physical requirements of a compact sleeper.

New Business – Graco noted that seat back length is not being consistently being measured by the labs (Figure 13). Task group to get together to develop a better figure for explaining how to measure. Also, side to side containment (6.7 and 7.9), the test method allows for it to be tested in different ways. Task group should look at the test method to eliminate inconsistencies.

**Stationary Activity Centers-**

Incident Data – Staff discussed spring failures (suspended units) and wanting a performance test. Task group set up.

Two new ballot items to go out:

- 1) New closed base stationary activity center definition – *n – a stationary activity center that includes a barrier between the occupant's feet and the floor.*
- 2) References under 2.2 – two Fed 1500.18(a)(6) and 1500.86(a)(4) to be removed because they are not referred to in the standard anywhere.

## **Gates/Enclosures-**

Ballot results reviewed:

15-06 Item #1: Added a sentence to the definition of enclosures to indicate it does not include a floor. Approved.

15-06 Item #3: Removed incorrect Figure reference in 7.3. Approved.

15-06 Item #2: New toys requirement. Several negatives.

The toy requirement ballot has been revised to address the negatives. Toys are still not permitted on gates, but are allowed on enclosures as long as it meets F963. It is considered editorial, thus with the changes – negatives have been withdrawn and the rewritten ballot item will move forward to be included in the next revision. Task Group Reports (corresponding with staff's recommended changes):

- 1) Test Fixture for Gates – Question regarding where the doorstep board is supposed to be installed. It could cause discrepancies in testing. Look to reword to make the  $\frac{3}{4}$ " length flush up against the end of the 4" board.
- 2) Cyclic Conditioning Test – Several questions raised about wording in the draft version and how that relates to the test procedure. Task group wants to do testing. BV labs offered to host in early November to run through this test with a variety of gates.
- 3) Latching/Locking Mechanism – The subcommittee had a few suggested clarifications. Staff will work with the task group on cleaning it up.
- 4) Completely Bounded Opening – One minor change suggested. This can move forward to ballot.
- 5) Slat Strength – The word "spindle" should be removed. Possible "rail" as well? They are crib terms, not gate terms. Task group to review.
- 6) Slat to Rail Connection – Subcommittee would like to see testing done to ensure using the crib test works on gates. Will combine this with the cyclic conditioning test work at BV in November. Staff needs to look for old gate samples for wood slat testing.
- 7) Vertical Strength – Looks good and can be sent out to ballot.
- 8) Push Out Test – Clarity revisions needed for the intent. Task group to continue to work on it.
- 9) Labeling/Warnings – Staff's latest write up shown, but not discussed due to lack of time.

## **Bassinets/Cradles –**

Review ballot results:

F15-04 #5 – Removable Bassinet Bed Attachment Testing

Two negatives – the 20 degree requirement is not protective enough. And the visual indicator must be visible from all sides of the product. Found persuasive and task group

will look at both issues in more detail (this item was balloted to bring the ASTM standard in line with the CPSC regulation).

F15-04 Item #6 – Segmented mattress flatness test (to bring it in line with CPSC standard), passed with two comments that were not relevant. The subcommittee will hold the ballot until the other ballot item is resolved, and then both will be included in the next revision.

Task Group Reports –

- Low to the ground bassinets – Task group want to do more stability testing before making a recommendation.
- Bed sharing products –Should these products be in a new standard or part of the bassinet standard. No decision made. A request was made for incident data for these products.

### **Infant Bouncers** –

NPR package is with the Commission, and the task groups are on hold pending review of the NPR.

### **Infant Swings** –

Ballot results reviewed:

F15-06 #5 Seat Back Measurement. Adding the words “gently” for part of the procedure and also adding a parenthetical phrase “appx 9 months” for additional guidance for when to stop using the product. No negatives, but a couple of comments. They were discussed – no changes. This will move forward for approval by ASTM.

### **Hand Held Carriers** –

Upcoming ballot items -

- 1) add an exemption for hand-held bassinets/cradles to section 8.3.2.1 which is a warning that states “NEVER leave child unattended”. Ready to go out to ballot.
- 2) 8.3.2.4 Strangulation hazard. This is only required for HHC that are NOT car seats (the NHTSA standard already has a warning label that addresses this). The ballot would add additional guidance regarding adjusting the restraint snugly. Draft language provided and discussed. Back to the task group as there was no consensus.

Task Group Reports –

- Shopping Cart Falls – Nothing decided. Back to the task group to continue working.

New Business –

Warning Label Location – for car seats. The subcommittee members discussed methods to ensure the NHTSA label is not diminished. Examples shown, and requests for clarity to determine “separate and distinct”. The subcommittee members decided not to change labeling but will continue to discuss this issue.

Incident data with hand held bassinet/cradles where handle broke - Task group to be formed to see what types of products and handles are out there and what tests should be considered. Subcommittee requested incident data dealing with handles for any juvenile product where a child might be carried in it.

### **Infant Bath Tubs-**

Ballot Results –

15-04 Item #7 Locking/Latching Durability. A comment from CPSC staff was submitted about the rationale. So, the rationale will be rebaloted.

15-03 #7 – Static Load Test. Approved, but being held up to wait for item above, and also the warnings/labeling.

15-03 #8 – Labeling/Warnings. Negative. The subcommittee chair will provide the task group with a few modifications dealing with tub/sink/floor warnings along with fixes for a couple of typos.

Task Group Reports:

- Bath Tub Accessories - The task group has been broken down into three teams to deal with action items associated with different parts of the standards. They are just starting out so no results to discuss.

New Business – Bath tubs that come with a stand/pedestal. An example was shown that has a tub that can be used without the stand. No action taken.

### **Soft Infant and Toddler Carriers –**

Ballot Results Reviewed:

15-04 Item #8 – Load bearing fasteners. Two negatives. Found persuasive, the ballot was redrafted and will be sent back out for ballot.

New Business:

Hooded accessories – Looked at several photos of products. No action as of now but will monitor with regard to incidents.

## **Slings –**

Ballot Results Reviewed:

F15-04 #9 – Occupant Retention Test. Only one administrative negative and two comments. Much discussion on the size of the shirt used on the test fixture (which is not in the recent ballot) and whether the other dummy from the Soft Infant and Toddler Carrier standard should be used instead. No decision made.

Review of incident data – falls are continuing, where stitching comes loose or tears. Many are NEISS data thus there is limited info. A couple of other non-NEISS incidents talk about the stitching coming undone. The subcommittee chair believes that those slings would fail the standard, if tested. No follow-up action.

## **Full Size Cribs-**

New business – Ed Keelan, from Enabletech gave a presentation of a wheelchair accessible crib. Recommendation made for the presenter to contact Compliance staff and also contact FDA.

Canada's new proposed crib rules. They are using a 7 degree limit for any product considered flat, as opposed to 10 degrees in ASTM. Other than that, the HC regulations are closely in line with ASTM/US.

## **Toddler Beds –**

Ballot Results Reviewed:

15-04 #4- End structure openings. No negatives, but CPSC staff submitted a comment to provide alternate wording to clarify the intent of the requirement. Subcommittee will send the staff suggested wording out to ballot.

## **Changing Tables –**

Task Group Reports:

- Entrapment Task group – to be scaled back and focus on entrapments. Task group will hold a meeting in the next few months.
- Collapse Task Group – Task group chair said nothing had been done, which was not accurate. Staff reported our test results. Task group had the data, but not the entire sub-committee.
- Buckle/Restraint Issues – The data seems to deal with buckles coming off of the nylon straps, or straps coming loose of the connection to the tables, but not buckle failures. Task group established.

New Business –

- 1) Openings for changing table accessory attached to a play yard. The play yard standard has a requirement to test openings (between changing table and edge of play yard) from under with a small head probe. But, no testing is done from above for an occupant who might fall off the table into the play yard. Discussion on what standard a change should be made to. Will defer to Play Yard standard.
- 2) Warnings/Labeling – A draft revision, prepared by CPSC staff was circulated and a task group established to review and discuss.
- 3) Health Canada has two deaths (2008 and 2013) on changing table attachments to play yards, where parents left a child to sleep in the changing table attachment. CPSC data also shows 4 deaths of sleeping children. The Canadian units had warnings saying not intended for sleep (though not required in ASTM). The Changing Table and Play Yard subcommittee heads will review the data and come up with a strategy. Staff to supply the fatality IDs with ASTM.

### **Play Yards/NFS Cribs -**

#### Ballot Results Reviewed:

15-04 #2: Entrapment in accessories (adding cantilevered accessories to the existing requirement). No negatives, two comments. Comments are editorial and the subcommittee chair has incorporated them into the ballot language. Will go to ASTM for approval with editorial changes.

15-04 #3: Stability test. Revision to clarify where the test should be conducted. No negatives, just editorial comments. Changes made and it is ready to go to ASTM for approval with editorial changes.

#### Task Group Reports:

- Play yards with no mattress (just a fabric floor) - Task group developed alternative warning label wording to remove references to sleep. No agreement. Back to task group.
- Vertical Mattress Displacement Test – looking to change this to account for play yards where there is no rigid metal frame under the mattress pad and mattress support material. Task Group to work on it.

New Business –A photo of a “play yard” was reviewed and a discussion followed regarding whether it was a play yard, or non-full size crib.

Changing Table Attachments – Joint task group with changing table group to look at the entrapment issues. The task group wants to review the fatality data.

Matching the Federal Regulation (Non-Full-Size Cribs) – ASTM needs to ballot the removal section 6.10 in order to match our regulation. It was voted to send this out to ballot.

## **Crib Mattress** –

Potential ballot items: stitching, labeling and mattress thickness. These were already discussed and will go out to ballot.

Task Group Reports:

- Replacement mattresses for NON-full size cribs - Three categories (for mesh sided, for rigid non-rectangular, for rigid rectangular). Each will have their own requirements. Drafts were reviewed. Major discussion regarding whether or not replacement mattresses should be used, if manufacturer doesn't want them. Is there a way to tie the requirement to the warning label where it won't pass if the manufacturer warns against it? Lots of discussions and some edits made. No real resolution.
- Mattress firmness test – taken from the Australian standard but there are inconsistencies with some soft top mattresses. Using it with a fitted sheet helps. There is also an EN version that has less issues with adequacy but it is stricter. The subcommittee chair will get more info from the EN standard which is still in the early review stage. EN's December meeting will review the comments and EN will then start to finalize it.

New business – pod mattresses. Made to reduce head flatness. How would that work with the standard? Also breathable mattresses. Stretched mesh breathable fabric stretched over nothing. No decisions made.

Dream On Me representative brought up the supplemental mattress petition (Dream on me is a manufacturer of supplemental mattresses). He started an active discussion regarding the petition. Since this was a CPSC petition, most everyone felt the discussion was not warranted at an ASTM meeting.

## **Infant Floor Seats** –

The subcommittee is still reviewing the draft standard. Lots of changes suggested. Task group continue to work on it.

## **Rockers** –

Ballot Results Reviewed:

15-05 #1 – Rocking base to an existing product. Three negatives, one comment.

Negatives – 1) withdrawn because it was an editorial change that will be made. 2) withdrawn – he misread the ballot. 3) Concern about warnings and being too redundant. Found persuasive, this will be rebaloted.

## **High Chairs** –

Ballot Results Reviewed:

F15-07 Item #2: Many changes to the labeling warning section (not CSPC staff recommendations, but other things). Several negatives, reviewed and some found to be persuasive. Changes will be made and reballoted.

F15-07 Item #3: Rearward Stability – three negatives (two identical, from Stokke). Changes to be made to address the negatives and it will go back out to ballot.

New Business –

Staff's Warnings/Labeling recommendations - Much discussion about how they differ from what was approved in the 2015 version and what was just balloted (15-07 #2). Staff explained why things were different from what the Ad Hoc group is recommending. During the discussion, it was revealed that the 2015 version has not yet been published. Some discussion went back and forth about pulling that version or delaying its publication. But the former is not possible, and the subcommittee decided delaying wouldn't do any good (manufacturers were attempting to minimize how many times labels would have to be changed).

There was a lot of discussion and the task group feels that since the Ad Hoc group already considered staff's input and rejected it, that it has been through the consensus process and thus the high chair subcommittee is comfortable sticking with the ad hoc recommendations. They suggested that the ad hoc committee regroup to evaluate the differences and see if they are willing to compromise, but the high chair group doesn't want to deal with it at this time. Thus, it does not appear they will ballot staff's recommendations.

## **Booster Seats** –

New Business – Some products being sold that do not meet the voluntary standard were shown. No action taken at this time.

Staff requested to start a task group to look at specifying an adult chair to be used as a test fixture f, review the the scope (regarding restaurant style vs. home use) and warnings/labeling. Task group established.

## **Infant Bedding** –

Task Group Reports:

- Crib Liners - A request was made for incident data for – bumpers, rail covers, crib liners (mesh flat bumpers) or other similar products, slat covers, etc. Task group

may have other key words to look for. The standard needs to add definitions to ensure some of these other products are included.

- Warning label changes - to ensure that if a bumper has multiple sections, they all must have the warning on it. (Section 8.2.1).
- Breathability issues - no real discussion.
- Label permanency – not part of the current standard. Task group wants to add it.
- Bassinet sheets and labeling. How to assure right size matching?

New Business - Question regarding section 8.0 – which warnings are for products only and which for package? Not clear to some labs. Change title to section 8.0 to be consistent with other standards and call it “Marking and Labeling”.

### **Infant Bathtubs** –

Brand new subcommittee. Looking for a volunteer to be chairman; no one came forward.

Reviewed incident data and examples of products considered bathtubs.

### **Children’s Chairs and Stools** –

Ballot Results Reviewed:

15-06 #24. Several Negative votes relating to non-folding chairs that have no arms or side containment. The subcommittee is unaware of any data dealing with stability for these chairs (staff cannot confirm without doing complete search). Negatives found to be persuasive. It will be re-written and sent back out to ballot. Several clarifications and editorial issues cleaned up.

Task Group Report:

- Marking/Labeling revisions. Staff walked through the changes made to the recommendations since the May 2015 meeting, where several concerns were raised. The subcommittee raised additional questions, some dealing with content or product specific issues, others with formatting. Task group meeting to be scheduled to deal with the product content issues. The Ad Hoc task group will deal with the formatting.

New Business – children’s ottomans. These are non-folding fabric covered stools with straight sides. They would not pass the rearward stability requirement. Delta looking for an exemption. Task group set up to review the issue.

### **Strollers** –

Ballot Results Reviewed:

15-06 #4 – To uphold a previous non-persuasive vote. It passed. The new version will be likely approved in November and then published. There are lots of other ballot items that were previously approved, and they will be included in the standard as well. It will be a 2015 version and it was voted to be sent to CPSC after publication, for consideration as the new rule.