

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

**SUBJECT: ASTM F15.22 Toy Safety Meeting**

**DATE OF MEETING: 3 March 2009**

**LOG ENTRY SOURCE: Vince Amodeo**

**DATE OF LOG ENTRY: 4 March 2009**

**LOCATION: ASTM Headquarters, West Conshohocken, PA**

**CPSC ATTENDEE(S):** Vince Amodeo, ESME  
Mark Kumagai, ESME  
Doug Lee, ESEE  
Jonathan Midgett, EXHR  
Rick McCallion, EXHR  
Jim Hyatt, LSME  
John Massale, LSME  
Sandra Inkster, HS (via phone link)

**NON-CPSC ATTENDEES:**

Leonard Morrissey, ASTM International  
Rick Rosati, Bureau Veritas  
Dana Wiser, Community Playthings  
Joan Lilly, Crayola, LLC.  
Aaron Muderick, Crazy Aaron Enterprises  
Barry A. Thompson, Donnelley RR Graphics  
Garry Gillett, Dorel Juvenile Group  
Lindsay Harris, Evenflo  
Clair Arsenault, Graco Children's Prod, Inc  
Ron Hoffman, Graco Children's Products  
Krister Hard Af Segerst, IKEA North America  
Malin Nasman, IKEA North America  
Richard Balamut, IMR Test Labs  
Ali Roberts, Insight Laboratories  
Deirdre Bligh, Insight Laboratories  
Donald Moffett, Kolcraft Enterprises, Inc.  
David Smith, Lego Systems Inc.  
Denise Wilson, The Marketing Store  
David Parzen, NSF International  
Tim Harris, Peg Perego  
Piyush Shah, SGS U.S. Testing Co.  
Amy Lane, Sportcraft Ltd.  
Len Hall, The Step 2 Company

Andrew Hauptner, The Step 2 Company  
Susan DeRagon, STR  
Linda Root, STR  
Tim Pine, TAP International  
Lorca Hjortsberg, Secretary, ASTM Subcommittee  
F15.22 (Toy Industry Association)  
Joan Lawrence, Chair, ASTM Subcommittee F15.22 (Toy Industry Association)

**Web Ex Attendees (alpha by company):**

Carol Pollack-Nelson  
Sandy Russell, Step2 Company  
Deborah Fanning, Art & Creative Materials Institute  
Dave Dick, Bureau Veritas  
Christine LeFabre, CPSB  
Rachel Weintraub, Consumer Federation of America  
Elaine Besson, EHB Consulting  
Fred Mills-Winkler, EMC Consumer Product  
Kitty Pilarz, Fisher-Price  
Joel Taft, Fisher-Price  
Evan Locke, Franklin Sports  
Harry Ehrlich, Harry Ehrlich  
Andrew Jeas, Hasbro  
Arthur Kazianis, Hasbro  
Frank Olbrych, Hasbro  
Sylvia Weihrer, Health Canada  
Alexandra Spiridoulias, IKEA Canada  
Ranga Ranganathan, Intertek  
Nancy Cowles, Kids In Danger  
Joseph Gheith, Learning Curve Brands  
Jeff Lipko, Mars Retail Group  
Frank Gibbs, Mattel  
Tim Edwards, Sassy  
Sergio Santos, SGS U.S. Testing  
Marge Smerglia, Step2 Company  
Tony Paolo, Summer Infant  
Rachel Murray Meyer, Toy Safety & Quality Inc.  
Jeff Novak, Unique Industries  
Jane Coleman, Wal-Mart  
Paul Ware, PW Ware

**Summary**

The meeting was called to order by Joan Lawrence, Subcommittee Chairman. Self-introductions were made, the meeting agenda and minutes from 16 Sept 2008 meeting were approved.

Joan Lawrence reported that the CPSC received a letter from ASTM as of 17 Feb 2009 stating that version F963-07e1 was revised to F963-08. This updated version includes new safety requirements and technical guidance for acoustics, magnet ingestion, strangulation, and other potential toy safety hazards. ASTM is posting a letter on their website to help manufacturers and consumers.

### **Updates from workgroups**

**Miscellaneous** – WG Chair, Joel Taft stated that 3 ballots were out on revisions to Toy seats/Stability, Packaging film, and Toy seat overload requirements. The ballots close on 3/6/09.

The working group received new data from CPSC on crib hung toys and will be reviewed by the working group. The working group will also look at a stuffed toy exemption to the pacifier teething requirements.

**Batteries in toys** – WG Chair, Dave Dick stated that CPSC requested ASTM subcommittee to consider developing requirements for lithium batteries in toys regarding overcharging, repeat overcharging/explosion issues, and short circuit protections. The recommendation letter from CPSC to F15.22 had not been sent to the subcommittee attendees for review. A task group was formed to review the proposal (draft requirements) from CPSC. Doug Lee (CPSC) has received several comments on the proposal already and will forward them to the working group.

**Impaction Hazards** – WG chair, Kitty Pilarz stated that new requirements have been published in the F963-08 version. The WG believes the requirements section is somewhat confusing and plan to review for clarification purposes.

**Magnets** – WG chair, Arthur Kazianis stated that new requirements have been published in the F963-08 version. Revisions include use of the small parts gage for sizing hazardous magnets/components, new use and abuse requirements specific to magnetic toys, and age grading magnetic toys up to 14 years of age. The WG plans to continue reviewing the minimum flux index and developing a new cautionary advisory. The WG will review the labeling requirements for magnets in hobby sets. The wording is confusing and may need to be rebaloted if a change is recommended. The WG plans to put a panel together to review advisory statement and to review any new data. The CPSC staff will provide updated data to WG. Arthur Kazianis reported that F963-07e1 requirements have been adopted in Australia/NZ and F963-08 requirements are working their way through ISO.

**Projectiles** – WG chair, Frank Gibbs reported that the group has not met. The next step is to verify group members and open up for new members if necessary.

## **Open Items**

**Magnetic Jewelry:** Incident data was received from the CPSC staff. ASTM F15 considered starting a new subcommittee on children's jewelry, but was unable to get interested parties to develop a new standard. Many F15.22 members present expressed the need for action on children's jewelry.

Health Canada has a children's jewelry standard (distinct standard from children's toys). They are starting to address magnet issue in their children's jewelry standard. They have a document on how to delineate children's jewelry from adult jewelry. A major retailer has expressed interest in a children's jewelry standard.

## **Memory List**

**Metric Conversion of F963** –There are some interpretation issues regarding dimensional requirements, so this is not a strict conversion procedure. Frank Gibbs had put together a document on all the numeric values in the standard and had put a best guess on the proper conversion to metric. Len will look at the proposal and then send to group.

**Age-break Terminology** –Frank Gibbs will develop draft redline of standard to standardize age-break terminology throughout standard.

**Improving Table of Contents** – Elaine Besson is working on this. She is also looking at reordering of requirements section for improved continuity.

**Emerging Issues** - A new Working Group was formed to review recent CPSC toy incident data and to determine if additional WG are needed.

**Composite Testing for Heavy Metals** – CPSC staff is developing test methodology for lead under CPSIA. After that is done, group needs to look at how it may affect F963 testing methods.

## **New Business**

**ASTM Toy Manual** – ASTM F15.22 subcommittee requested assistance to write various chapters of a user's manual that will put standard into layman's terms and provide background and rationale behind requirements for novice users of F963. The WG will coordinate w/ the CPSC lab staff as they develop their CPSC lab testing manual.

**Conformance with ASTM D4236 & LHAMA** - Deborah Fanning (The Art and Creative Materials Inst, Inc.) submitted a draft revision for harmonization F963 w/ ASTM D4236 and with LHAMA.

**Elimination of Flammability Guidance for 16 CFR 1500.3(c)(6)(vi)** - Rachel Murray Meyer reported that she was receiving a lot of questions from European and Hong Kong labs who were confused about the elimination of the F963 flammability guidance from

the CPSIA mandatory requirements. CPSC staff stated that 16 CFR flammability requirements still apply. ASTM will submit a question to CPSC under CPSIA regarding flammability requirements. CPSC may need to develop a FAQ on section 106 Flammability requirement.

A question was asked if there was a consideration to modify ASTM D3421, "Practice for Extraction and Determination of Plasticizer Mixtures from Vinyl Chloride Plastics". CPSC said their labs were looking into it. It was decided to add it to the memory list.

Dave Dick raised an issue regarding testing for microbials in liquids, putty and gels – regarding harmonization with Europe and Japan. Testing would be more stringent and expensive. ASTM will need CPSC input on this because F963 is part of CPSIA – ASTM F15.22 subcommittee will raise this issue with CPSC.

The meeting was adjourned. Next meeting was not scheduled, but generally occurs at 6-month intervals.