

LOG OF MEETING DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: ASTM F15.77 Subcommittee Meeting - Draft Standard for Marketing & Labeling Magnet Sets Containing Small Loose, Powerful Magnets with a Flux Index ≥ 50

DATE OF MEETING: March 4, 2020 3:00pm, ET

LOG ENTRY SOURCE: Stephen Harsanyi (ESHF)

DATE OF LOG ENTRY: March 11, 2020

LOCATION: Teleconference

CPSC ATTENDEE(S): John Stabley (HSPP), Patricia Edwards (EXHR), Sandra Inkster (HSPP), Susan Bathalon (EXHR), Stephen Harsanyi (ESHF), and Timothy Smith (ESHF).

NON-CPSC ATTENDEE(S): Contact ASTM for the attendee list.

Summary of meeting:

The subcommittee discussed potential changes to the draft standard in response to several of the concerns raised in negative votes on the balloted draft standard (Ballot F15.77 (19-01) "Specification for Marketing and Labeling Adult Magnet Sets Containing Small Loose, Powerful Magnets with a Flux Index 50 kG2mm2 WK68963"). As outlined in a memo sent to the subcommittee from the Chair, the meeting focused on three main topics: (1) Ease of opening the permanent storage container, (2) Warning font size, and (3) Visualization of hazard in instructions. A summary of the discussion on each of these topics follows.

1. "Ease of opening the permanent storage container"

It is staff's understanding that this section, 9.2.2, will be updated as follows:

- At a minimum, one of several specified packaging options will be required, rather than offered as examples.
- The first specified packaging option may be altered to match the Ad Hoc Wording document's definition for "double action release system."
- The second specified packaging option, which requires a minimum force to open, may be altered to include a torque requirement as an alternative.
- The third specified packaging option, which requires cognitive understanding of a manipulative concept beyond the ability of a child younger than 3 years, may be altered to include or refer to a testing requirement. A task group will work on this requirement. CPSC staff raised concern about using a threshold of 3 years rather than an older age. The Chair noted that the proposed 3-year limit had been modeled on requirements for toys (ASTM F963) and for laundry pod packaging, and was intentionally not as stringent as the PPPA requirements for CR packaging, applicable to children under 5 years, because the subcommittee believes that the most commonly cited age in incidents is 2 years.

2. "Warning font size"

CPSC staff explained that 8 pt (0.08 in. or 2 mm) should be the minimum allowable type size for the warning message panel text, as opposed to 6 pt (0.06 in. or 1.5 mm). After some debate about differing ANSI, Ad Hoc, and CFR requirements, the subcommittee decided to update the draft standard to specify a minimum type size of 8 pt for the outer packaging and a minimum of 6 pt for the permanent storage container. For cases in which the permanent storage container is the outer

packaging, then the minimum type size is 8 pt. CPSC staff voiced concern that the permanent storage container should have message panel text that is 8 pt or larger.

3. *“Visualization of hazard in instructions”*

The subcommittee agreed to add a pictogram or other illustration to the instructional literature section, which adequately addresses the hazard. The subcommittee will determine a suitable illustration to be included as an example in the standard, as well as core elements to be addressed by illustrations that vary from the example.

Additionally, several members requested that the subcommittee discuss performance requirements for the standard in the next meeting. Also, one subcommittee member requested future discussion of methods of identifying individual magnets as originating from magnet sets from specific manufacturers.

Next Steps:

The subcommittee will work on new concerns raised in this meeting, such as various testing requirements, and the subcommittee has yet to discuss some of the negatives raised in response to the ballot. The subcommittee scheduled the next subcommittee meeting for April 7, 2020 at 1:00 PM ET, during which the subcommittee plans to focus the discussion on consideration of performance requirements.