

**LOG OF MEETING  
DIRECTORATE FOR ENGINEERING SCIENCES**

**SUBJECT:** Meeting of the ASTM F15.30 Subcommittee on Bunk Beds

**DATE OF MEETING:** May 25, 2011 (9:00 a.m. to 4:00 p.m. EST)

**PLACE OF MEETING:** ASTM Headquarters, West Conshohocken, PA

**LOG ENTRY SOURCE:** Tim Smith (ESHF)

**COMMISSION ATTENDEES:** Tim Smith (ESHF)

**NON-COMMISSION ATTENDEES:** Contact ASTM for attendee list.

**SUMMARY OF MEETING:**

This meeting was led by the chair of the F15.30 Subcommittee on Bunk Beds, Bill Perdue. The primary focus of the meeting was to discuss revisions to ASTM F 1427, Standard Consumer Safety Specification for Bunk Beds, to address the issues raised in Petition CP 10-2 & HP 10-1, Petition for Change to the Bunk Bed Standard, which was submitted to the CPSC by Carol Pollack-Nelson, Ph.D., of Independent Safety Consulting.

The Subcommittee discussed and developed the following proposed revisions to appropriate sections of the voluntary standard:

- Testing for entrapment using the wedge probe and 9-inch sphere will now be applied to the entire boundary of the bunk bed between the lower-bunk foundation and the upper-bunk foundation, rather than to the end structures only.
- Testing for entrapment using the wedge probe and 9-inch sphere will be applied between all ladder structures (e.g., between ladder steps or rungs).
- Testing for entrapment using the wedge probe and 9-inch sphere will be applied between ladder steps, or rungs, and the upper-bunk boundary.
- For ladders attached to the side of a lower bunk, there shall be no gaps between the interior stiles (i.e., vertical components of the ladder) and the recommended mattress, above the side rails, between 1.88 inches and 9 inches.

The Subcommittee voted to ballot the proposed revisions. One member of the Subcommittee suggested that an additional labeling requirement regarding the recommended mattress size for the lower bunk be added to the standard. The Subcommittee formed a task group charged with developing such a label. Tim Smith of ESHF volunteered to participate in the task group.