



MEETING LOG

SUBJECT: F08.17 Trampolines and Related Equipment

LOG ENTRY SOURCE: Thomas E. Caton, ESMC

DATE OF MEETING: 7 MAY 2024

LOCATION: Philadelphia (PA) Downtown Marriott

CPSC ATTENDEE(S): Thomas E. Caton, ESMC

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

SUMMARY OF MEETING:

- The task group for Test Method F355 (Impact Attenuation of Playing Surfaces and Materials) reviewed the 20 lb. round, flat head missile that is dropped from 2-foot for developing head trauma data and noted that CPSC has concluded that current head trauma data is out-of-date.
- The task group for Standard Practice F2774-09 (Manufacturing Quality Control of Trampoline Bed Material) reviewed their findings about the quality of trampoline mat ultraviolet testing parameters that are used for certification of mats based on test duration, and what should be expiration duration of the resulting certification for using the mat.
- The task group for Safety Specification F381-15 (Components, Assembly, Use, and Labeling of Consumer Trampolines) reviewed whether ladder or access devices should or should not be included inside the same box that trampolines are sold. The task group provided their review of the requested CPSC injury data pertaining to ladders and access devices.
 - The attending CPSC staff described the search items used for the CPSC injury data search that also included the frame, padding, mat, netting, in addition to ladders and access devices. CPSC staff noted to the subcommittee that staff has an interest in the supervision of 2 – 6-year-olds, the presence of signage to remove ladders when the ladder is not being used, and whether ANSI A14 ladder standards should be included in the standard if ladders or access devices are included in the box with the trampoline.



- The task group reported that the CPSC injury data included a total of 218 incidents, of which 167 were categorized and 51 were excluded. Of these, only four reports involved ladders and access devices. The task group expressed appreciation for all of the search items selected by CPSC staff, in addition to ladders and access devices, for the supplied CPSC EPI data search that the task group said were very useful for evaluation ladders and access devices. The task group noted that the categorized data included: 93 failures of netting or enclosures, 41 falls related to the metal frame, 25 incidents related to the metal frame, 18 failures of the mat and mat seams, and four filtered injuries related to ladders and access devices.
 - The task group noted that the data included an incident that was described as basketball hoop accessory being used within the jumping area of the trampoline. This led to a discussion of what would constitute a trampoline accessory, i.e., would ladders need accessory requirements added to the standards. If ladders were sold with a trampoline as a package would ANSI A14 ladder standards have to be consulted.
- Old Business
 - The subcommittee will work on a trampoline maintenance checklist and a review of trampoline maintenance recommendations.
 - Future Meetings
 - November 11-15, 2024, Renaissance Orlando at SeaWorld, Orlando, Florida.
 - May 6-8, 2025, Sheraton Centre Toronto Hotel, Toronto, Canada.