

MEETING LOG
Directorate for Engineering Sciences

PRODUCT: Treadmills

SUBJECT: *ASTM F08.30 Fitness Products* Subcommittee Task Group (TG) Meeting on Treadmill Standards

LOCATION: Teleconference via WebEx

DATE: Wednesday February 2, 2-4pm ET

ENTRY DATE: Friday March 11, 2022

LOG ENTRY SOURCE: Susan M. Bowley, Ph.D. Mechanical and Biomedical Engineer, ASTM F08.30 CPSC Technical Representative

COMMISSION ATTENDEES (2): Susan M. Bowley, Ph.D., Mechanical & Biomedical Engineer ESMC; Caroleene Paul DD ESMC

NON-COMMISSION ATTENDEES: Contact ASTM for a complete list of attendees

MEETING SUMMARY:

TG chair discussed proposed revisions to F2115 and F2106 standards. He noted that he did not receive many comments from the membership. The chair reminded members of the upcoming meeting dates.

The F2115 comments discussed by attendees: splitting up “motorized” vs. “user-driven” treadmills, refinement of the terms “treadmill entrapment” and “pull-in point” or “draw-in point” for consistency with European standards. Discussion of Section 4.2 Exterior Design: discussion to remove the 1-pound pull-out force requirement or keep it related to if the weight of the probe could affect this value, questions to CPSC staff related to the bunk bed testing requirement for a 1-pound value, proposal from a member to add Figures 3a and 3b (“Fig.3a Rear Roller Mechanical Guard Example”; “Fig.3b Rear Roller Mechanical Guard Example”) and discussion of these figures. Continued discussion of proposed new Figures: differences between protection for continuous belt vs. slatted belt designs, effects of surface friction important factor in testing. Continued discussion of Section 4.2.2 and gaps with one member indicating the Toy Standard indicates 45N (10-pounds).

The F2106 comments discussed by attendees: use of an adult finger probe and CPSC comments that this is not a child finger probe and it is not articulated, use of an adult head probe (“small head probe”) and CPSC comments that this is not a child head probe, discussion of who has access to these probes beyond CPSC and TG chair indicating that these were the only probes suggested by TG members to him, CPSC staff discussed that the “Bunk Bed Test Manual” indicates testing with three (3) probes (Wedge/Torso, Sphere/Head, and Neck), attendee discussion indicating that even if testing was completed with these probes (and passed) a child could still get underneath the treadmill.