

**LOG OF MEETING
DIRECTORATE FOR ENGINEERING SCIENCES**

SUBJECT: ASTM F24.61 Trampoline Court Task Group

DATE OF MEETING: September 1, 2022

PLACE OF MEETING: Teleconference

LOG ENTRY SOURCE: Daniel Taxier (ESMC)

COMMISSION ATTENDEES: Daniel Taxier (ESMC)

NON-COMMISSION ATTENDEES: Contact ASTM for attendee list.

SUMMARY OF MEETING:

The task group is continuing to update and refine proposed language for ASTM F2970-22 *Standard Practice for Design, Manufacture, Installation, Operation, Maintenance, Inspection and Major Modification of Trampoline Courts* while the previously discussed updates are out for ballot (ballot F24 (22-05), item 8, closing date October 3, 2022).

The task group discussed with the F24.61 subcommittee chair whether this group should continue to develop guidelines for the use of symbols to demonstrate different challenge levels for certain attractions, or whether a different task group should take charge of the effort for the development of a new standard. The subcommittee chair said the task group should continue with the effort, with the hopes that the work would lay the foundation for other ASTM F24 standards to follow. A task group member was assigned to lead this effort.

Next, the task group lead said the purpose of the next month of meetings would be to identify under-addressed areas or errors in the balloted text. To that end, CPSC staff noted an error in a balloted figure, and recommended several areas for discussion, including:

- Consider whether a requirement needs to be established to separate trampoline court (TC) beds of different classes.
- Consider controlled access requirements based on TC bed class.
- Consider age or height restrictions for all TC classes.
- Discussion of whether it would be appropriate to raise the weight assigned to patrons for design purposes from 170 pounds.

The task group spent much of the meeting discussing the weight assigned to patrons for design purposes. The task group was generally against raising the weight, listing three primary concerns:

1. A similar change had previously been balloted for ASTM F2291 *Standard Practice for Design of Amusement Rides and Devices*, but did not reach consensus.
2. Patrons include children and adults of varying weight, and a greater weight may not appropriately capture the general population of users.
3. A trampoline designed for a heavier patron would need to have more springs or be stiffer, which could raise the risk of other injuries.

The task group agreed to table the discussion for the time being.

The task group will discuss the other points raised by staff at future meetings. The next task group meeting is expected to take place on September 8.