



MEETING LOG

SUBJECT: ASTM F08.27 Hydrogel Projectile Launchers Workgroup Meeting

FY 24 OP PLAN ENTRY: Not on the FY24 Op Plan

DATE OF MEETING: 3/27/2024

LOCATION OF MEETING: Webex Teleconference

CPSC STAFF FILING MEETING LOG: Jill Hurley (ESHF)

FILING DATE: 4/9/2024

CPSC ATTENDEE(S): Jill Hurley (ESHF) Virtual,

NON-CPSC ATTENDEE(S): Contact ASTM for a list of attendees

Summary of Meeting:

Objective: Establish new guidelines for the performance criteria and warnings for hydrogel launchers and projectiles used with hydrogel launchers.

Members of the work group reviewed revisions made to the trigger pull test language that were discussed at the previous meeting. The next topic was the test method for accidental discharge. Previous discussion on the impact surface material sourcing led to the decision to utilize ASTM F963's vinyl flooring requirement instead of the airsoft standard's rubber mat. This is because the subject launchers do not have CO2 cartridges which require additional safety considerations.

One member of the work group volunteered to investigate and suggest wording for an appendix explaining the group's reasoning behind selecting a muzzle energy of one joule or less. This member intends to evaluate relevant resources such as medical research and ASTM sports equipment standards deemed appropriate, and report their findings at the next meeting.

The warnings and labels section was the final item on the agenda for this meeting. Rather than existing as a separate standard like other F08 sports equipment standards, it was decided warnings and labeling will be incorporated into the current draft standard. Members examined a draft that had already been created by a separate task group on hydrogel launcher labels and warnings. Initial discussion centered on content and label size. Next week's meeting will continue to review and complete this portion of the draft standard.

Next Steps:

The next meeting is scheduled for April 3, 2024.