

LOG OF MEETING

DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: ASTM F08.10 Bicycles Subcommittee Meeting

DATE OF MEETINGS: November 02, 2022

LOCATION: New Orleans, LA

LOG ENTRY SOURCE: Lawrence Mella

COMMISSION ATTENDEE(S): Lawrence Mella, Kevin Lee

NON-COMMISSION ATTENDEES: Contact ASTM for attendee list

SUMMARY OF MEETING:

Background: ASTM F08.10 is the subcommittee for bicycles. The subcommittee oversees active standards related to bicycles such as the test methods for bicycle forks, test methods for bicycle frames, and specification for bicycle grips. CPSC staff encouraged ASTM to revise F2793-14, *Standard Specification for Bicycle Grips* because of a fatal incident involving impalement on a handlebar end with a grip that had failed and no longer provided protection.

Summary: Various task groups presented updates on their relative standards. The subcommittee provided an update for developments in ISO bicycle standards. There is work being done to develop requirements for electric bicycles in ISO standards.

Children Bicycle Handlebar

The subcommittee intends to ballot ASTM F2793 as is because the standard is in the 8th year and needs to be renewed or else it will be automatically dropped. CPSC staff urged the subcommittee to ballot the changes to add the end plug requirement and adding the step to punch-out test requiring 90-degree rotation of the grip after each drop shortly after the standard is renewed.

Front Mount Accessories

The accessories task group discussed the front mount bicycle carriers draft standard. The task group discussed confusion with the front mount bicycle carrier title because no carriers are allowed to be mounted in front of the handlebars. Instead, front mount carriers are usually mounted on the bicycle frame behind the handlebars. The group introduced the topic of lighting requirements for bicycles. The task group is looking for expertise. CPSC staff agreed to participate in the task groups for lighting requirements.

Forks

The task group discussed including international electric bicycle fork requirements into the ASTM standard; however, some of the electric bicycle requirements are still in draft form and not final.

Next Steps: The handlebar subcommittee will review the technical requirements for the group to review and CPSC staff will work with ASTM to improve the bicycle grips standard. The next meeting is scheduled for May 2023.