

## **LOG OF MEETING**

### **DIRECTORATE FOR ENGINEERING SCIENCES**

**SUBJECT:** ASTM F15.58 WK70724 Commercial Electric-Powered Scooters for Adults Working Group Meeting

**DATE OF MEETINGS:** December 2, 2020

**LOCATION:** Teleconference

**LOG ENTRY SOURCE:** Lawrence Mella

**COMMISSION ATTENDEE(S):** Lawrence Mella

**NON-COMMISSION ATTENDEES:** Contact ASTM for attendee list

#### **SUMMARY OF MEETING:**

Background: ASTM WK70724 is a new draft voluntary standard for commercial electric-powered scooters for adults. It was formed in January 2020 and CPSC staff are active participants of this task group. A working group within the task group was formed to develop brake requirements for the new standard.

Activity: The three topics discussed during this meeting were hand controls, redundant brake systems, and stopping distance.

CPSC staff questioned whether the hand controls should be recognizable and familiar like the brake levers found on bicycles instead of a thumb lever. The group agreed most ride share e-scooters do use the hand lever brake system similar to those used on bicycles.

The task group discussed redundant (secondary) brake systems. CPSC staff agreed with the addition of the requirement. The actual requirements remain to be developed.

The stopping distance discussion involved multiple topics such as e-scooter test weight, speed, and incline. The task group will require research and additional discussion to develop the test method for stop distance requirements.

Next Steps: The working group plans to update the task group during the meeting scheduled in January. CPSC staff will continue working with ASTM to develop brake requirements for the draft standard.