

## **LOG OF MEETING**

### **DIRECTORATE FOR ENGINEERING SCIENCES**

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

**DATE OF MEETINGS:** April 29, 2021

**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.

Summary: The group discussed international standards and the desire to promote consistency. The group will look for and review international standards, specifically looking at deficiencies in the current ASTM draft standard. The group discussed the effect of different surfaces on stopping distances. Also, the group discussed unexpected braking events and brake reaction times. The task group talked about maximum deceleration and CPSC staff and other group members advocated that the scooter should remain stable under maximum deceleration.

Next Steps: CPSC staff will coordinate with the task group chair to categorize the incident data based on the details of the brake related incidents.