

LOG OF MEETING

DIRECTORATE FOR ENGINEERING SCIENCES

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

DATE OF MEETINGS: November 4, 2020

LOCATION: Teleconference

LOG ENTRY SOURCE: Lawrence Mella

COMMISSION ATTENDEE(S): Lawrence Mella

NON-COMMISSION ATTENDEES: Contact ASTM for attendee list

SUMMARY OF MEETING:

The subtask group focused on the electrical requirements of the working draft standard. The group discussed the UL 2272, *Standard for Electrical Systems for Personal E-Mobility Devices*. The group discussed the need to understand the UL standard as it relates to e-scooters to identify weaknesses and gaps that can be addressed in the working draft standard. A group member initiated conversations around motor power ratings. They suggested the motors should be rated according to peak power to provide a better sense of vehicle characteristics. Additionally, the group discussed IP ratings, moisture and corrosion buildup in battery housings.