

LOG OF MEETING

DIRECTORATE FOR ENGINEERING SCIENCES

SUBJECT: ASTM F13 Footwear

DATE OF MEETINGS: February 3, 2020

LOCATION: Atlanta, GA

LOG ENTRY SOURCE: Lawrence Mella

COMMISSION ATTENDEE(S): Lawrence Mella

NON-COMMISSION ATTENDEES: Contact ASTM for attendance list

SUMMARY OF MEETING:

The subcommittee provided a brief summary of the history of the research, test methods, and developments. Then, the group focused on the new standard for the performance requirements when evaluating the slip resistance of protective (safety) footwear using the ASTM F2913 whole shoe test method. The group discussed comments and negatives.

The group provided an update on the Metguard study, which evaluated the force required to injure the foot. The study was based on metatarsal impact tests. The group is looking for funding for continued research.

The group discussed the puncture resistance pin tolerance test. Currently, the test is subjective in that the criteria is based on a visual result (whether the pin is visible after puncture). Round robin testing is scheduled to be completed by June. The group hopes to gather information about different pin tips, durability and wear on the pin after multiple tests, and improvements in variability.

The next meeting is scheduled for June 2020.