



MEETING LOG

SUBJECT: ASTM F15.75 Connected Products Task Group Meeting for Artificial Intelligence (AI)

FY 24 OP PLAN ENTRY: Artificial Intelligence (AI) and Connected Products

DATE OF MEETING: 9/14/23

LOCATION OF MEETING: Teleconference call

CPSC STAFF FILING MEETING LOG: Simon Lee

FILING DATE: 12/14/23

CPSC ATTENDEE(S): Simon Lee, Jr., ESEF

NON-CPSC ATTENDEE(S): For a complete list of attendees, please contact Molly Lynyak at ASTM.

Summary of Meeting:

This Task Group (TG) meeting continues work from the last Sept. 5th TG meeting. The TG chair led discussions with proposed AI additions to the current *ASTM F3463-21, Standard Guide for Ensuring the Safety of Connected Consumer Products* including an AI and Machine Learning (ML) definition. The TG will also leverage the ASTM terminology group for help developing the proposed AI/ML definition. CPSC staff comments for TG discussion included: ensure the system under test could not use AI/ML to test itself or isolate AI/ML portions just to be tested upon; and to review the U.S. Food and Drug Administration's Predetermined Change Control Plan (PCCP) process for safe and effective AI/ML enabled medical devices. TG members also discussed other questions and topics such as: are the connected products with AI/ML cloud-based, always connected, and the recent White House AI topic focuses.

The TG next discussed: an AI/ML product and safety example of a vacuum cleaner robot with visual Simultaneous Localization and Mapping (vSLAM) capabilities, Large Language Model (LLM) based chatbots' memory retention, and that robotic vacuum cleaner's other safety considerations.

Next Steps:

The TG chair will send another draft of ASTM F3463 with the proposed AI/ML revisions for review in preparation for the final TG meeting in September.