



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: 9/5/23

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 was formed to discuss Artificial Intelligence (AI) and how it could be implemented in the current *ASTM F3463-21, Standard Guide for Ensuring the Safety of Connected Consumer Products*. The AI agenda item was generated from discussions on the ASTM F15.75 Subcommittee (SC) meeting from last July 2023. The TG discussed and introduced topics such as: is an AI product a “connected” consumer product or not; how prevalent was AI during the last connected products SC meetings in 2021; and the effects of how companies are currently investing large amounts of money in AI.

The SC chair discussed proposed wording for inclusion in *ASTM F3463* for AI which included details for autonomous functions, risk assessment need, foreseeable use/misuse, and a NIST testing description. The SC chair also mentioned other documents and guidance for background and possible incorporation into the standard guide such as the: earlier CPSC *Artificial Intelligence and Machine Learning (AI and ML) in Consumer Products* report from 2021; UL 3300, *Safety of Consumer, Service and Education Robots* and the European Union Artificial Intelligence Act. The TG also discussed AI challenges in testing, design, sub-product faults; and how electrical products are regulated in the U.S.

Next Steps:

The TG will further consider the proposed revisions and background AI documents and guidance. Future TG meeting dates were determined to be held in September to work to eventually present the TG’s final drafts and efforts to the larger SC meeting later in October.