

US Consumer Product Safety Commission Log of Meeting

Subject: Joint UL/ULC 30 task group meeting on Safety Can FMDs

Date: December 2, 2021

Location: Teleconference

Prepared By: Scott Ayers (sayers@cpsc.gov, 301-987-2030) on December 16, 2021

CPSC Attendees: Scott Ayers and Andrew Lock

Non-CPSC Attendees: Contact UL for a complete list of attendees.

Summary of Meeting:

This was a meeting of the UL 30 task group on FMDs. UL is preparing a new draft of UL 30 for safety cans, a type of flammable liquid container. The new draft is a joint standard that incorporates requirements from the following voluntary standards: the current UL 30, UL 1313, and ULC ORD-30. The draft standard also includes a test method for flame mitigation devices. CPSC contracted Jensen Hughes to adapt an ASTM FMD test method, originally intended for other container types, for safety cans.

The contractor updated the task group on progress of testing. When using ethane as the test gas, the results agree with another test method specific to flame arrestors. The task group watched videos of a test that the contractor prepared.

The contractor and Scott Ayers prepared draft language for UL 30 for the task group to review before the meeting. The task group discussed that proposed language with active staff participation. Scott will update the draft based on feedback from the task group. The contractor will prepare figures for the draft language.

Prior to the next meeting, the contractor will test a safety can with a spout installed. The UL STP chair will contact a manufacturer of expanded metal mesh and offer an opportunity to test a product with that FMD technology per this proposed test method. To make the task group schedule, the expanded metal mesh product must be received by December 20, 2021.

The task group discussed the schedule and agreed to aim for forwarding draft language to the full UL 30 STP for review by the first week of January.

The task group will next meet on Thursday December 16, 2021 from 3:30pm to 4:30pm.