

## US Consumer Product Safety Commission Log of Meeting

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

Date: October 6, 2021

Location: Teleconference

Prepared By: Scott Ayers ([sayers@cpsc.gov](mailto:sayers@cpsc.gov), 301-987-2030) on October 6, 2021

CPSC Attendees: Scott Ayers and Andrew Lock

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

### Summary of Meeting:

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

The task group was introduced to Josh Dinaburg of Jensen Hughes who will be the principle investigator on the CPSC contract. Josh presented on his preliminary testing, which focused mainly on the flame arrestor test in the current draft. Josh found similarities in flow rates and failing minimum hole sizes of the two tests.

Three discrepancies were pointed out in the current flame arrestor test that should be addressed by the STP.

- Where the 7.5 in flame is measured from, the top of the mouth or the flame arrestor surface
- Should the flame arrestor top be mounted flush with the top of the pipe
- Where should the 1.6mm hole be drilled, just on top or anywhere

Josh will incorporate feedback from the task group and continue work to develop a test method for FMDs on safety cans.

The task group will next meet on Tuesday October 19, 2021 from 2pm to 3pm.