

US Consumer Product Safety Commission Log of Meeting

Subject: CANENA UL/CSA 60335-2-40 Working Group on Flammable Refrigerants in HVAC systems

Dates: May 11-13, 2021

Location: Teleconference

Prepared By: Einstein Miller (emiller@cpsc.gov, 301-987-2469), May 14, 2021

CPSC Attendees: Einstein Miller and Scott Ayers

Non-CPSC Attendees: Contact The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) for a list of attendees

Summary of Meeting:

Contact AHRI for more details of this meeting.

This was a 3-day meeting for the CANENA working group looking to update UL/CSA 60335-2-40 from the current 3rd edition to the 4th edition. The next edition will be based on IEC 60335-2-40 6th Edition. The group is targeting completing a draft by July 2021. The draft standard needs to go to preliminary review by September 2021. The mechanical codes will require the draft ready for review by January 2022.

The group continued a previous discussion on safety symbols and aligning requirements with commercial refrigeration, the fire service, and federal transportation and workplace requirements. The group discussed a proposal for allowing manufacturers to have the option for utilizing the current symbol or incorporating the future GHS symbol. The current symbol will be required for use to ship to countries, such as Mexico, that chose not to adopt the GHS symbol.

The group also created a sub-group to discuss the requirements for HVAC systems for use in data centers. The group continued to review internal comments including that the EPA is still mandating Pantone® Matching System #185 red for service ports, pipe, hoses, and other devices which refrigerant is serviced. The group decided to remove the requirement from UL/CSA 60335-2-40 for A2L refrigerants. Staff supported this decision.

The recently created GFCI subgroup needs a chair to begin work, staff will participate in that subgroup.

The group will continue to review internal comments at the next scheduled meeting. The group will look to schedule several multi-meeting weeks in June, similar to how this week was set up. The next meeting will be Monday May 17, 2021