

## US Consumer Product Safety Commission Log of Meeting

Subject: CANENA Working Group 12 on UL 60335-2-89, Flammable Refrigerants in Refrigeration Systems

Date: January 23, 2019

Location: Arlington, VA

Prepared By: Scott Ayers ([sayers@cpsc.gov](mailto:sayers@cpsc.gov), 301-987-2030), January 23, 2020

CPSC Attendees: Scott Ayers

Non-CPSC Attendees: Contact 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 meeting of CANENA Working Group 12, where the attendees continued working on an update the bi-national standard, UL/CSA 60335-2-89 Edition 1 for refrigeration systems. In addition to this CANENA working group, AHRI has three working groups, the first focusing on the mechanical and electrical details of the standard, the second focused on the flammable refrigerant details, and the third addressing potential conflicts with ASHRAE 15.

This was a three-day meeting, from January 21 to January 23, CSPC only attended on January 23.

The group was updated on progress of each of the three AHRI working groups and on the research AHRI is sponsoring on flammable refrigerants. A topic covered was flammable refrigerant requirements specific to ice machines and self-contained units; both types of appliances are different than other refrigeration systems as the manufacturer has little control over where the units will be installed. The group also discussed labeling and marking requirements for the fire service; a separate group will put together a general proposal for this standard, UL 60335-2-40, and ASHRAE 15 on labeling and marking for the fire service. Another topic discussed was requirements for appliances in egress paths like corridors and lobbies, whether the building has fire sprinklers has not been considered but could affect the total amount of flammable refrigerant allowed. The fire service is no longer as concerned about flammable refrigerant appliances being in increased risk of ignition, but are still concerned about contributions to a building fire and fire service strategies for attacking a building fire.

The next meeting will be 2/18 – 2/20, at AHRI offices in Arlington, VA.