

US Consumer Product Safety Commission Log of Meeting

Subject: ASHRAE 15 Working Group on Flammable Refrigerants harmonization across multiple standards

Date: October 2, 2020

Location: Teleconference

Prepared By: Scott Ayers (sayers@cpsc.gov, 301-987-2030), October 2, 2020

CPSC Attendees: Scott Ayers and Chen-Hsiang Su

Non-CPSC Attendees: Contact ASHRAE for a list of attendees

Summary of Meeting:

This working group has been established to recommend possible changes to harmonize requirements and remove inconsistencies between ASHRAE 15, ASHRAE 15.2P, and UL/CSA 60335-2-40. While no voting will occur in this meeting, the group will look for general agreement from all participants.

During the meeting, the ventilation subgroup reported out on their progress. Meeting participants provided feedback to the ventilation subgroup. The ventilation subgroup will address the feedback for the next meeting.

Other working groups provided updates on their status. The chairs of the piping working group, room volume working group, and refrigerant concentration limit working group each provided a verbal update.

Finally, the meeting then moved to open discussions on several topics, including equipment listings, charge quantities, installation restrictions, labels and instructions, and other miscellaneous topics. The charge quantities discussion was of particular interest to many of the participants. There is concern that installers may “cut corners” and install systems that are not code-compliant; this is something that does happen now. Should systems be designed with greater safety factors or increased detector requirements to account for this? No conclusion was reached, but a new subgroup may be formed to work on consequences of this issue.

The working group will next meet on Wednesday October 21, 2020.