

US Consumer Product Safety Commission
Log of Meeting

Subject: CANENA (UL) 60335-2-40 Task Group on Flammable Refrigerants in Room Air Conditioners

Date: October 9 – 11, 2018

Location: Northbrook, IL and Teleconference

Prepared By: Scott Ayers (sayers@cpsc.gov, 301-987-2030), October 11, 2018

CPSC Attendees: Scott Ayers via teleconference

Non-CPSC Attendees: Contact Bill Hansen of Ingersoll Rand (Bill.Hansen@trane.com) or (Ladan Bulookbashi of AHRI (LBulookbashi@ahrinet.org) for a list of attendees

Summary of Meeting:

Contact Bill Hansen of Ingersoll Rand (Bill.Hansen@trane.com) or Ladan Bulookbashi of AHRI (LBulookbashi@ahrinet.org) for more details of this meeting.

Attended as able over the three days, several parts of the meeting were not attended

- Introductions
- Roll call
- Discussion of agenda and open action items
 - Review of open action items
- Review and approval of previous meeting minutes
- Update that Supreme Court declined appeal on limiting EPA Snap authority
- Presentation on Mechanical Industry/NRDC 2023 HVAC Proposal to CARB
 - Agreement for California on HVAC systems
 - Proposal that in 2023 anything with a GWP over 750 will be not allowed
- Continue to resolve comments made to previous ballot
 - Item D-66 296 F2F, room height and calculation of maximum allowable charge
 - Item D-83 328 F2F, discussion on maximum leak time (rate)
 - Item [unknown number], delete false ceiling requirements in section on non-ducted appliances
 - Item D-40 201 F2F, louvres in doors of small closets containing ducted systems
 - Item [unknown number], gas sampling
 - Item [unknown number], fan speed requirements
 - Various editorial changes, these were the final comments to be closed
- Discussion on technologies limitations
 - Leak detection system versus refrigerant detection system
- Document will be cleaned up and ready by after meeting in Northbrook, IL on 11/5 and 11/6. The December meeting has been canceled
 - Expectation is the first ballot will fail and meetings will be needed to resolve comments in the spring
 - There will be a face to face meeting April 10 – 12, 2019 probably at AHRI in DC
 - There will be a face to face meeting April 29 – May 2, 2019 at TBD
 - There will be a face to face meeting May 21 – 23, 2019 at TBD

- There will be a tentative face to face meeting June 11 – 13, 2019 at TBD
 - There will be a tentative face to face meeting July 23 – 25, 2019 at TBD
 - Must be finished by August 1, 2019
- Other discussions
 - Daikin proposals on pressure monitoring during field testing
- AHAM proposals
 - Recommendation to allow non-serviceable products to have different maintenance manual requirements
 - Recommendation to allow non-serviceable products to have different installation manual requirements
 - Recommendation to describe the “test window” in a window air conditioner static loading test (carry forward requirements from UL 484)
 - Recommendation to not include the added stability test described in 20.101DV
- Review of testing sponsored by AHRI