



MEETING LOG

MEETING TITLE/SUBJECT: UL 1563 Task Group on Electric Heat Pumps for Spas and Hot Tubs

OP PLAN ENTRY: Flammable Refrigerants

DATE OF MEETING: 8/19/2026

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Scott Ayers

FILING DATE: 8/20/2026

CPSC ATTENDEE(S): Scott Ayers (ESEF)

NON-CPSC ATTENDEE(S): Contact ULSE for a list of attendees

Summary of Meeting:

The UL 1563 Technical Committee formed a task group to review a proposal to revise the standard as it relates to flammable refrigerants in electric heat pumps used in spas and hot tubs. The proposal clarifies new requirements recently added to UL 1563 referencing UL/CSA 60335-2-40, with the goal of making it easier for spa manufacturers to understand the UL/CSA 60335-2-40 requirements particular to spas.

The task group reviewed the flow chart included in the proposal. The task group developed four questions based on the flow chart included in the proposal. 1) Does one of the decision points apply to both heat pumps that control the water temperature and heat pumps that do not control temperature (where the spa controls the water temperature)? This question was directed at a participant who could not attend this meeting. The other three questions were directed at the UL/CSA 60335-2-40 THC. 2) How should m1 chart be determined for a spa? 3) Is the interpretation of the electrical ignition source requirements and refrigerant detection system / continuous ventilation requirements correct? 4) Does the THC see any other issues with the proposed flow chart?

Next Steps:

The task group will meet on September 2 at 11am. The working group will request time at a future UL/CSA 60335-2-40 meeting to discuss the issues. Staff will participate in the meetings as able.