



MEETING LOG

SUBJECT: Kick-off meeting of a new task group under the Technical Committee (TC) for Electric Household Cooking Appliances, TC 1026, and for Motor-Operated Household Appliances, TC 0982, to explore the need to address wireless power transfer in cordless appliances.

DATE OF MEETING: February 22, 2024

LOCATION OF MEETING: Virtual

CPSC STAFF FILING MEETING LOG: Andrew Trotta, Division of Electrical Engineering and Fire Sciences (ESEF)

FILING DATE: February 27, 2024

CPSC ATTENDEE: Andrew Trotta, ESEF

NON-CPSC ATTENDEE(S): Please contact UL Standards and Engagement (ULSE) staff for the list of attendees

SUMMARY OF MEETING:

This was the first meeting of a UL task group (TG) developing requirements for appliance safety standards for the emerging technology of cordless kitchen appliances. In response to the [Ki Cordless Kitchen Appliance standard developed by the Wireless Power Consortium](#) (WPC), the TG will develop proposals to include safety requirements for cordless appliances into UL 60335. The cordless system architecture includes inductive power transfer in the 20 to 74 kilohertz range for power levels up to 2,200 watts from a power source transmitter to an appliance receiver. This power range covers from small motor-operated appliances, such as blenders, to cooking appliances, such as air fryers and coffee makers. One differentiation between a cordless appliance under this architecture and an induction cooktop is that the cordless appliance couples the power to a receiver that the appliance uses the power performs its functions; an induction cooktop similarly generates a magnetic field, but it couples the signal to the ferrous metal pan, which in turn heats up.

The meeting was primarily administrative, introducing the TG members and selecting a TG chair. Randy Cooper, Association of Home Appliance Manufacturers (AHAM), agreed to serve as the TG chair. Mr. Cooper provided a brief overview on the efforts of the WPC and International Electrotechnical Commission TC 61 (safety of household and similar electrical appliances) and the objectives of the UL TG.

Please contact ULSE staff for meeting notes.

NEXT STEPS:

The next scheduled meeting is April 17, 2024.