



## MEETING LOG

**SUBJECT:** Association of Home Appliance Manufacturers (AHAM) Safety Standards Activities Update

**DATE OF MEETING:** 1/9/2024

**LOCATION OF MEETING:** CPSC National Product Testing & Evaluation Center, Rockville, MD

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

**FILING DATE:** 2/7/2024

**CPSC ATTENDEE(S):**

Evan Heimbach, ESEF

Mark Kumagai, Directorate for Engineering Sciences

Rik Khanna, Risk Management Group (RMG)

Arthur Lee, ESEF

Doug Lee, RMG

Andrew Trotta, ESEF

Scott Ayers, ESEF, virtual

And others virtual

**NON-CPSC ATTENDEE(S):**

Randy Cooper, AHAM

John Park, AHAM

Greg Woyczynski, AHAM

Inhye Kang, AHAM, virtual

And other AHAM staff virtual

**Summary of Meeting:**

AHAM staff met with CPSC staff to present the status of safety standards activities that they have been pursuing to improve the safety of large and small appliances. AHAM initiated these efforts in earnest starting in 2013 and have been updating CPSC staff periodically on the progress of their work. The previous meeting was in April 2023.

AHAM staff continues to review Internet of Things (IoT) requirements for appliances focusing on safety, security and privacy including following the status of the Federal Communication Commission's proposed cybersecurity labeling program for IoT devices using the [US Cyber Trust mark](#).

AHAM and its members have significant activities on major cooking appliance standards as follows:

- Participating on a CSA Joint Task Group (TG) looking at Indoor Air Quality emissions carbon monoxide and nitrogen dioxide from gas stoves



- Reviewing requirements for two-step controls on gas stoves in ANSI Z21.1 – *Household Gas Cooking Appliances*
- Leading an AHAM Cooking Fire WG to develop oil ignition test requirements for gas ranges
- Reviewing requirements for battery-powered ranges, steam ovens, harmonization between ANSI/UL 858 - *Household Electric Ranges* and CSA Z22.2 N.61 – *Household Cooking Ranges*.
- CPSC staff asked about unintended turn-on of surface heating elements on electric ranges, and AHAM staff indicated that the UL 858 Technical Committee will be forming a WG; staff expressed interest in participating

Requirements for use of flammable refrigerants were updated for refrigerators, room air conditioners and dehumidifiers

Other major appliances that AHAM presented updates on included power supply cords on dishwashers, clothes washer glass doors, washer stability (virtual demo of new proposed test being scheduled), and clothes dryers (dual supply laundry centers and heat pumps)

AHAM provided updates on several standards harmonization efforts (aligning UL standards with CSA and IEC standards) including heaters, motor-operated food preparation appliances, portable floor care products and countertop cooking appliances.

Regarding portable electric room heaters, AHAM indicated:

- Supporting UL 1278 WGs chaired by CPSC staff and others
- Health Canada considering mandatory standard

AHAM has a TG looking at air fryers incidents, primarily handle breakage and fire incidents; asked CPSC staff about IDIs being used for CPSC staff's assessment of air fryers

Miscellaneous topics included vacuum cleaners, electric pressure cookers, alternatives to deep fryer/slow cooker magnetically-attached power cord, and blending effervescent ingredients. AHAM expressed continued concerns over online posts regarding modifying portable fans with filters to create a makeshift air cleaner, not the intended use of the fans.

Regarding enforcement of Reese's Law on button/coin cells ingestions, AHAM expressed concerns that their comments did not get addressed prior to the ballot on the final rule.

AHAM briefly reiterated their concerns with the compatibility of ground fault circuit interrupters (GFCIs) with appliances producing high-frequency currents that cause nuisance tripping in some GFCI models. As a possible resolution, AHAM is proposing requirements for a Class A-HF GFCI that will require testing at frequencies over 60 Hz.



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CPSC staff asked if there were activities studying the effects of hydrogen blended natural gas. AHAM indicated that they will be assessing the effects of 20% added hydrogen on existing appliance performance

**Next Steps:**

AHAM and CPSC proposed to meet again some time in 2024.