



## MEETING LOG

**SUBJECT:** ANSI (American National Standards Institutes) C18 Working Group (WG) Virtual Meeting for Technical Report (TR) on Lithium-Ion Battery Recommended Practices and Hazards

**FY 24 OP PLAN ENTRY:** Batteries, Fire (High-Energy Density)

**DATE OF MEETING:** 5/22/2024

**LOCATION OF MEETING:** Virtual

**CPSC STAFF FILING MEETING LOG:** Douglas Lee, Office of Hazard Identification and Reduction (EXHR)

**FILING DATE:** 5/22/2024

**CPSC ATTENDEE(S):** Douglas Lee (EXHR)

**NON-CPSC ATTENDEE(S):** Jody Leber, CSA, Working Group Chair

Ted Marks – Retired industry member

Larry Albert – Stanley Black & Decker

Tom O’Hara - Intertek

Raju Desai - Apple

### **Summary of Meeting:**

The WG is drafting a recommended practices guide, which will be published as an ANSI TR, for designing and manufacturing lithium-ion battery powered products. The draft TR identifies possible hazards with lithium-batteries and recommends test methods to mitigate the fire risks associated with the use of lithium batteries in products. The TR is intended to be used either in conjunction with existing product safety standards or independently when there are no existing product standards available.

During the meeting, the WG Chair provided a brief overview and status update of the different sections of the draft TR. The WG continues to review and update sections of the document. This meeting focused on discussing the appropriate sections of the TR for vibration testing references and potential content for the marking and instructions section. The WG discussed using UL 2595 *General Requirements for Battery-Powered Appliances* and IEC/UL 62133 *Standard for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications - Part 2: Lithium Systems* for the foundation of this section and referencing for end-product and battery marking and instructions, respectively. CPSC staff discussed that it is important to emphasize that additional marking and instructions may be required by the end-product safety standard.

The next meeting is scheduled for June 12.



United States  
**Consumer Product Safety Commission**

**Next Steps:**

Staff will continue to attend working group meetings and support development of the TR.