

**LOG OF MEETING
OFFICE OF HAZARD IDENTIFICATION AND REDUCTION**

SUBJECT: ANSI C18 Subcommittee on Portable Cells and Batteries (Includes, General and Specifications and Safety Standards)

LOCATION: CPSC staff participated by teleconference

DATE: September 09 and 10, 2020

LOG ENTRY SOURCE: Huy Le, Division of Electrical Engineering and Fire Sciences (ESEF)

COMMISSION ATTENDEES:

Doug Lee, Office of Hazard Identification and Reduction (EXHR)
Huy Le, ESEF
Jay Kadiwala, ESEF
Cheryl Scorpio, Division of Pharmacology and Physiology
Assessment (HSPP)

NON-COMMISSION ATTENDEES:

Steven Wicelinski, Duracell, ANSI C18-0, Chair
Khaled Masri, NEMA Program Manager, ANSI C18 Secretary
Carin Stuart, Energizer, ANSI C18-6 Chair
Marc Boolish, Energizer, ANSI C18-4 Chair
Laurie Florence, Sub-Group Chair, UL LLC

Earnie Davis, Panasonic
Jody Leber, CSA Group
Laurie Florence, UL LLC
Doug Golde, Fisher-Price
Jeff Becker, Micropower Battery Co.
Rodney Grimes, SGS North America
Ravi Vasudevan, Lansdowne Labs
And others

MEETING SUMMARY:

During the two days of meetings, the subcommittee (SC) discussed various topics on general, specifications, and safety requirements for each ANSI C18 standard.

The safety working group chair, Carin Stuart, will circulate the data provided by Dr. Jatana for the committee to review prior to the next meeting. This data was previously sent to the working group members after the last meeting in February but not to all SC

voting members. It was discussed that the chair will further investigate and provide a table in the standard for the warning by cell chemistry.

CPSC staff continues to support the “WARNING” signal word over using “CAUTION” as the signal word which is presently in the IEC 60086-5 proposed draft. “WARNING” is recommended in ANSI Z535.4 *American National Standard for Product Safety Signs and Labels when serious injury or death is the possible outcome of not following the warning.*

Previously, CPSC staff supported adding a recommended practices guide (ANSI C18-5, part 2) for designers of lithium-ion battery products to address the overheating and fires of lithium-ion battery products. The SC previously balloted on changing the scope and contents of ANSI C18.5 Part 2 from a standard on the safety of lithium ion cells and batteries to a guide on the safe design and use of lithium ion cells and batteries in devices. The information in the proposed guide was also reorganized to follow a design-based approach which is consistent with many IEC end-use device standards. Removing ANSI C18.5 Part 2 as an ANSI standard would also reduce confusion since there would be two ANSI approved standards.

The next meeting of the C18 Committee & SCs (1-6) is tentatively scheduled November 11 & 12, 2020.