

**LOG OF MEETING  
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SUBJECT: ANSI C18 Safety and other Subcommittees on Portable Cells and Batteries

DATE OF MEETING: February 20-21, 2019

PLACE OF MEETING: Orlando (teleconference)

LOG ENTRY SOURCE: Doug Lee, EXHR

COMMISSION ATTENDEES: Doug Lee\*, EXHR

NON-COMMISSION ATTENDEES:

Khaled Masri	NEMA, ANSI C18 Secretary
Steven Wicelinski	Duracell, C18-0 Chair
Carin Stuart	Energizer, ANSI C18-6 Chair
Charles Monahan	Panasonic
John Hadley	Energizer Brands
Jody Leber	CSA Group
Marcus Boolish	Energizer Brands
Laurie Florence	UL LLC
Judy Jeeverajan	UL
David Grandin	Bureau Veritas
Bekele Zekarias	CSA
Rodney Grimes	SGS
Hirohito Teraoko	FDK
Shima Hirotaka	Hitachi Maxell
Yoshiki Terao	TC 35 Secretary, Panasonic
Thomas O'Hara	Intertek
Heather Peterson	Batteries Plus Bulbs*
Doug Golde	Fisher-Price
	And others

(\*Online)

SUMMARY OF MEETING:

The ANSI C18 (1-6) subcommittees and C18-0 main committee met and discussed various items related to the revision of ANSI C18 standards, American National Standard(s) for Portable Primary

and Rechargeable Cells and Batteries. CPSC staff attended C18-6 and C18-0 meetings. Agenda items of significant CPSC safety interest are summarized below:

Previously, the SC discussed the IEC 60086-4 packaging and “keep out of reach icon” requirements for coin cell ingestion mitigation which was approved with only 2 negative votes. The SC will start work on revising the standard to include the revised icon. A working group was formed to review the IEC packaging and icon for ANSI consideration for its annexes. The committee reviewed the work of the working group and will ballot the requirements. The SC will remove the reference to “up to 30% of the diameter of the cell” since it is incorrect. The 6 mm or larger for the pictogram size was correct and was supported by the working group. A working group was formed to review requirements for non-lithium button cells.

CPSC staff is having a contractor observe children trying to access coin cells in various types of packaging used in various markets. CPSC staff will provide updates at the next meeting.

The SC continued discussion on lithium battery safety in products. CPSC staff and others supported adding a recommended guideline to use a systems approach for safe design and use of products. The goal is to add the recommended practices to an ANSI C18-5 annex. A task group was formed to outline this effort and is led by Ms. Stuart. The task group will continue to develop the recommended guide. Mr. Masri reported that permission was granted to use the systems diagram in IEC 62133-2 from ANSI.

Contact Khaled Masri, [REDACTED], for ANSI C18 minutes for other topics and attendees.