

Subject 4200a

November 2, 2018

SUMMARY OF TOPICS

The following changes in requirements to the Underwriters Laboratories Inc. Standard For Safety For Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, are being proposed:

1. Construction Requirements of Battery Compartments

STP BALLOTS AND ALL COMMENTS DUE: December 2, 2018

UL's goal is to have no interest category comprise more than one-third of the STP membership balance. To improve the current balance for STP 4200, UL is looking for participants in the AHJ, Commercial/ Industrial Users, Consumers, Government and Supply Chain interest categories. Definitions for these interest categories are available on the Standards STP Internet site:

<http://ulstandards.ul.com/develop-standards/participation/interest-categories/>

If you are interested in applying for STP 4200a membership or are aware of potential candidates for this STP, please contact the STP Project Manager, Wilbert Fletcher, Wilbert.fletcher@ul.com.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Construction Requirements of Battery Compartments

RATIONALE

Proposal submitted by: Rehan Ehsan, CTA

CTA proposes to change the construction requirements of battery compartments. These requirements align with changes made to the final draft international standard version of IEC 62368-1 Edition 3.

PROPOSAL

5.5 Products that locate removable or replaceable button/coin cell batteries inside a battery compartment shall be designed to prevent children from removing the battery by one of the following methods in (a) or (b) below. Compliance is checked by the tests of Section 6.

a) A tool, such as a screwdriver or coin, is required to open the battery compartment in which case a minimum torque of 0.5 Nm and a minimum angle of 90 degrees of rotation shall be required to open the compartment; or

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- b) The battery compartment door or cover requires the application of a minimum of two independent and simultaneous movements to open by hand.

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