

**US CONSUMER PRODUCT SAFETY COMMISSION
LOG OF MEETING**

SUBJECT: Standards Technical Panel (STP) Meeting to Discuss Current Proposals for UL 2849, Standard for Electrical Systems of eBikes

LOCATION: CPSC Staff Participated by Teleconference

DATE(S): Monday, December 6, 2021 & Wednesday, December 8, 2021

LOG ENTRY SOURCE: Jay Kadiwala, Division of Electrical Engineering and Fire Sciences (ESEF)

CPSC ATTENDEES:

Jay Kadiwala, ESEF
Lawrence Mella, ES Mechanical

NON-CPSC ATTENDEES:

Patricia Sena, UL (STP 2849 Manager)
Diana Pappas-Jordan, UL (STP 2849 Chair)
contact the UL STP manager at patricia.a.sena@ul.org, for a complete list of attendees.

MEETING SUMMARY:

On Monday, December 6, 2021, the STP convened to discuss the items as indicated on the attached agenda (provided below) starting with the proposal on functional safety which points to a reference standard for software functions that could be potentially safety critical. Subsequently, the STP covered an additional 18 proposals from the agenda. Various proposals were motioned to be balloted and others were indicated to be revised or withdrawn. The STP adjourned for the day, reconvening on Wednesday, December 8, 2021. The STP discussed the remaining three additional proposals covering flammability, operator interface, and both shock and vibration proposals.

UL will circulate the proposals for ballot in either December 2021 to start the 60-day voting window or January 2022. The STP manager and STP Chair indicated that the January timeline is more likely.

UL will publish the meeting minutes; please contact Jay Kadiwala, jkadiwala@cpsc.gov to obtain a copy.

SUMMARY OF TOPICS

The following topics will be discussed at the meeting of the Standards Technical Panel for Electrical Systems for eBikes, STP 2849:

1. Discussion of UL 2849 Preliminary Review Proposals – CSDS Work Area opened 2021-06-15

A series of meetings of STP 2849 is scheduled for:

**Monday, December 6, 2021
9:00 am – 12:00 pm ET**

**Wednesday, December 8, 2021
9:00 am – 12:00 pm ET**

**Virtual GoToMeeting
<https://global.gotomeeting.com/join/850020685>
United States: +1 (786) 535-3211
Access Code: 850-020-685**

AGENDA FOR THE MEETING OF THE STANDARDS TECHNICAL PANEL FOR ELECTRICAL SYSTEMS FOR eBIKES, STP 2849

ORDER OF BUSINESS

- 1) Call to order
- 2) Introduction of members, guests, and observers
- 3) General
 - a) Chair and project manager announcements
 - b) Additions or corrections to the agenda
 - c) Patent Policy
 - d) Antitrust Policy
 - e) Status of STP 2849 membership and interest categories
- 4) Discussion topics
- 5) New business (time permitting)
- 6) Future meeting schedule
- 7) Adjournment

STATUS OF STP MEMBERSHIP AND INTEREST CATEGORIES

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The current balance of the STP is shown in the following table:

Interest Category	Number of Members	Interest Category	Number of Members
Producers	5 (25%)	Government	2 (10%)
Testing & Standards Organizations	6 (30%)	Consumer	0
Supply Chain	3 (15%)	General Interest	4 (20%)
AHJs	0	Commercial/Industrial User	0
International Delegate	0		

UL's goal is to have no interest category comprise more than one-third of the STP membership.

DISCUSSION TOPICS

1. Discussion of UL 2849 Preliminary Review Proposals – CSDS Work Area opened 2021-06-15

The UL 2849 preliminary review work area opened in CSDS 2021-06-15 included 23 proposals. A number of comments were received during this preliminary review and the proposal submitters have taken these comments into consideration and have decided which proposals will proceed to ballot as is, which proposals will be revised prior to ballot, and which proposals will be withdrawn. As there have been several inquiries made with respect to the disposition of these comments and proposals, UL would like to provide an opportunity for STP members to discuss these proposals and comments prior to proceeding to ballot.

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