



the standard in safety

UL and IT in the Development of Standards

Presented By: Michael Palm

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Overview

UL uses many applications in the standards process. From drafting proposals and publishing documents to the distribution of the information and the collaboration around documents.

We will take a look at the following:

- Electronic publishing
- HTML documents
- Distribution of documents
- Notifications
- Encrypted files
- Sale of documents
- Commenting and voting



Electronic Publishing

All UL standards, outlines and proposals are created using Standard Generalized Markup Language (SGML)▪

Using SGML▪ allows you to:

- Create templates
- Have consistent documents
- Create entities
- Produce HTML documents



HMTL Documents

HTML provides:

- Web documents
- No reader required
- Embedded links [HTML Example](#)



Access to Documents

- Notifications
- PDF Library [▪]
- Certification Customer Library [▪]
- Comm-2000 [▪]
- Internal UL Library



CSDS

- Real-time, online collaborative system used in the development of UL standards
- Promotes an open process and the ability to provide information faster
- Organization of standards development processes, deliverables, and information in one place using an automated, electronic system
- Available 24/7/365
- All commenting, balloting, responses, requests to change a standard and meeting information (announcement, agenda, and report) are done and available online



CSDS – Functional Areas

CSDS is a web-based solution for the distribution of proposals to revise a standard and the collaborative approval process surrounding it as well as the collaboration around any number of topics.

The CSDS integrates three distinct business processes directly related to the standards development - specifically:

- Proposal Request Process
- Collaboration Process
- Meeting Process



CSDS – User Benefits

- Submit proposed changes to standards
- Collaborate around proposed changes
- Balloting
- Commenting
- Provide “Discussions”
- View responses to comments
- View vote summary
- Notifications/reminders
- Archived information
- Meeting information (announcement, agenda, and report)



CSDS - User Home



Standard Numbers Search Type Search Text

- Home
- My Profile
- Logout
- Help
- Suggestions
- Training Material
- Contacts

User Home

Proposals Available

STP Meetings

Message Center

Notifications

Archives

2007-5-22 11:04:47 AM (CDT)

Home > User Home

Actions

- Submit a Proposal Request
- Create Work Area
- Create Meeting
- Create Message
- Request New Standard to be Developed
- View My Comments
- My Calendar

Navigation

- UL Standards Sales
- UL StandardsInfoNet
- Standards Technical Panel (STP)
- STP Call for Members
- ANSI Status

General

- STP Tutorial
- ANSI/UL STP Regulations
- STP Code of Ethics
- Patent Policy
- Glossary

Welcome, [Michael Palm - Underwriters Laboratories Inc.](#)

- Standards
- Proposal Requests
- Work Areas
- Meetings

Standard Name

- UL 1 Ed. 11 - Standard for Flexible Metal Conduit
- UL 82 Ed. 6 - Standard for Electric Gardening Appliances
- UL 325 Ed. 5 - Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems
- UL 507 Ed. 9 - Standard for Electric Fans
- UL 508 Ed. 17 - Standard for Industrial Control Equipment
- UL 858 Ed. 15 - Standard for Household Electric Ranges
- UL 902W Ed. 1 - Sub 902W - CSDS Pilot Test
- UL 906L Ed. 1 - CSDS SUB-906L
- UL 1017 Ed. 7 - Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines
- UL 1699 Ed. 2 - Standard for Arc-Fault Circuit-Interrupters
- UL 1746 Ed. 3 - Standard for External Corrosion Protection Systems For Steel Underground Storage Tanks
- UL 9990 Ed. 1 - Contenta and SGML Proposals
- UL 61010R 1 Ed. 1 - Electrical Measuring and Test Equipment: Part 1: General Requirements

What's Due?

	Due Date
Upcoming: STP 0260 Meeting Scheduled For 2007-05-24	2007-05-24

What's New?

	Date Sent
Administrative Nightly Update	2007-05-22
Administrative Nightly Update	2007-05-21
Administrative Nightly Update	2007-05-21

CSDS – Collaboration Process

Work Areas are opened within the system to collaborate around standard proposals, or may involve collaboration around any other document types and discuss subjects related to the development of standards. The Work Areas are used to organize the collaboration around a particular document and allows for a specific group of people to comment and vote (if appropriate) on document topics.

Standard	Name	Comment Close	Vote Close
UL 5 Ed. 13	UL 5 Ed. 13 - Proposal Review - Opened 2007-02-02	2007-03-19	2007-03-19
UL 5 Ed. 13	UL 5 Ed. 13 - Re-circulation - Opened 2007-04-04	2007-04-18	2007-04-18
UL 5B Ed. 2	UL 5B Ed. 2 - Conduit Identification Marking - Opened 2007-02-02	2007-03-19	
UL 5C Ed. 2	UL 5C Ed. 2 - Conduit Identification Marking - Opened 2007-02-02	2007-03-19	
UL 6 Ed. 14 (Proposed)	UL 6 Ed. 14 (Proposed) - Proposal Review - Opened 2007-04-26	2007-05-24	
UL 8 Ed. 6	UL 8 Ed. 6 - Proposal Review - Opened 2006-05-15	2006-06-14	
UL 8 Ed. 6	UL 8 Ed. 6 - Proposal Review - Opened 2006-08-11	2006-09-11	2006-09-11
UL 13 Ed. 2	UL 13 Ed. 2 - Proposal Review - Opened 2007-03-26	2007-04-16	
UL 13 Ed. 2	UL 13 Ed. 2 - Proposal Review - Opened 2007-05-18	2007-07-02	2007-07-02
UL 44 Ed. 16	UL 44 Ed. 16 - Proposal Review - Opened 2007-05-04	2007-06-18	
UL 48 Ed. 14	UL 48 Ed. 14 - Meeting Report for 2006-08-29 STP Meeting - Opened 2006-09-22	2006-10-23	

CSDS – Work Area Home

Actions

- [View Document](#)
- [View Standard](#)
- [Effective Date](#)
- [Add / Filter Comments](#)
- [My Ballot](#)
- [Vote Summary](#)
- [View My Comments](#)
- [View Comment Matrix](#)

General

- [Work Area Home](#)
- [Glossary](#)

UL 746E Ed. 4 - Proposal Review - Opened 2007-05-18

Standard Title: Standard for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards

Work Area Status: OPEN

Comments Due: 2007-07-02

Ballots Due: 2007-07-02

Summary of Topics

1. Addition to Paragraph 6.2 of Reference to ASTM D 790
2. Clarification of Requirements in Paragraph 7.2 and New Table 7.5 for Evaluating the Thickness of UL/ANSI Industrial Laminates
3. Clarification of Sample Requirements in Tables 8.1 and 9.1 for the Ultrathin Laminate and Prepreg Test Program
4. Clarification of Requirements in Paragraphs 8.8 and 9.2 for the Flexural Strength Test Method Support Span and Crosshead Speed; Addition of Paragraph 9.2.1
5. Clarification of Requirements in Paragraph 8.10 for the Thermogravimetric Analysis (TGA) Test Method
6. Clarification of Requirements in Table 10.1 for the Ultrathin Test Program
7. Clarification of General Requirements in Section 10.1 for Ultrathin Laminate and Prepreg Test Program for Materials Built Up to Less Than 1.6 mm
8. Update of Requirements in Paragraphs 10.3.3 and 10.3.4 for the Non-UL/ANSI Ultrathin Laminate and Prepreg Test Program
9. Deletion of Sections 11.5 and 11.6
10. Clarification of Requirement in Paragraph 17.4.3 for Evaluating Thermal Shock Using the Sand Bath Method

1 2

Please note that proposed requirements are of a tentative and early nature and are for review and comment only. Current requirements are to be used to judge a product until these requirements are published in final form.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~. For Proposed New Editions, the proposed changes from the previous edition may be indicated by an underline for additions and ~~lined-out~~ for deletions to existing requirements.



CSDS - Commenting

Users are able to comment at a topic level as well as at any paragraph within each of the topics.

The screenshot displays the CSDS web interface. On the left is a navigation pane with a tree view under the heading "Document". The tree includes several topics, with "Paragraph 6.2" selected and highlighted. The main content area on the right shows the text for "Paragraph 6.2", which lists four ASTM test procedures. Below the text are sections for "Comments" and "Related Comments", both indicating that no comments are available for this item.

[Click to view Filter Options](#)

Document

- Topic - 1. Addition to Paragraph 6.2 of Reference to ASTM D 790
- Topic - 2. Clarification of Requirements in Paragraph 7.2 and New Table 7.5 for Evaluating the Thickness of UL/ANSI Industrial Laminates
 - Background
 - Rationale
 - Paragraph 6.2**
 - Paragraph 7.2
 - Table 7.4
 - Table 7.5
- Topic - 3. Clarification of Sample Requirements in Tables 8.1 and 9.1 for the Ultrathin Laminate and Prepreg Test Program
- Topic - 4. Clarification of Requirements in Paragraphs 8.8 and 9.2 For the Flexural Strength Test Method Support Span and Crosshead Speed; Addition of Paragraph 9.2.1

UL 746E Ed. 4 - Proposal Review - Opened 2007-05-18

Paragraph 6.2

[Add Comment](#)

6.2 The following is a list of ASTM test procedures referenced in this standard.

- a) ASTM D 149 - Standard Test Method for Dielectric Breakdown Voltage and Dielectric Strength of Solid Electrical Insulating Materials at Commercial Power Frequencies.
- b) ASTM D 257 - Standard Methods of Test for DC Resistance or Conductance of Insulating Materials.
- c) ASTM D 348 - Standard Test Methods for Rigid Tubes Used for Electrical Insulation.
- d) ASTM D 374 - Standard Test Methods for Thickness of Solid Electrical Insulation.

Comments

The document item selected has no comments available.

Related Comments

There are no related comments available.



CSDS – Viewing All Comments

UL 5 Ed. 13 - Proposal Review - Opened 2007-02-02

Topic - 1. UL 5: Conduit Identification Marking

Yes	No	No Without Comment	Abstain	Not Returned	Eligible Voters	Consensus Reached?
15	0	0	1	5	21	Yes

No Comments for this topic

Topic - 2. UL 5: Flush Duplex Receptacle Securement

Yes	No	No Without Comment	Abstain	Not Returned	Eligible Voters	Consensus Reached?
12	2	0	1	6	21	Yes

Author MICHLOVIC, J - CENTRIA - H H ROBERTSON FLOOR SYSTEMS

Date 2007-03-13 09:27:55 AM (CDT)

Subject Topic 2. UL 5: Flush Duplex Receptacle Securement

Comment
[View](#) I disagree with the proposal to require more than one point of attachment for box covers or assemblies currently evaluated and listed with one screw or attachment point. There is no history of problems or failures to support this new requirement. Further, the NEC requirement for more than one point of attachment allows existing listed covers and assemblies an exception from the multiple point attachment. Suggested Changes to the Proposal: (Could not type these below nor underline them) ADD to proposal:".unless the device is evaluated and listed with one point of attachment".

Suggested Revision By Commenter

Response Response submitted by George Walbrecht, UL

The following statements, "unless the cover or assembly is evaluated and listed for single point attachment" and "unless the device is evaluated and listed with one point of attachment" are exclusively construction specifications. These exceptions also include certification terms ("listed") that are not appropriate for a UL standard. The wording would require revision.

Also, while the exception you note is consistent with the NEC, a performance requirement does not exist for the evaluation of the single screw attachment means. Therefore, UL suggests that you submit a test program specifying how to evaluate the cover, or the assembly of the cover and wiring device, to determine that the single screw attachment means would meet the intent of the



CSDS - Voting

UL 746E Ed. 4 - Proposal Review - Opened 2007-05-18

Ballot For: Michael Palm - Underwriters Laboratories Inc.

Ballot Question: Should the proposals for UL 746E be recognized for ANSI approval?

Ballot Due On: 2007-07-02

Last Modified: 2007-05-23

Ballot Instructions

"NO" VOTES: In order to receive consideration, objections must be accompanied by supporting reason. Where possible, proposals for a solution to the problem raised should be included. A negative ballot not accompanied by supporting reasons or negative ballots accompanied by non-germane reason, will be recorded as a "negative without comment" and is not required to be circulated.

This also applies to negatives with comments not related to the proposal under consideration and negatives with comments on certification issues (Examples of certification issues are issues that relate to UL's conformity assessment services, such as comments on UL's effective dates or Listing or Follow-Up Services). These types of negative votes shall not be factored into the numerical requirements for consensus (In other words, will be treated similar to abstentions in the numerical calculation of consensus).

After you select a vote for each Topic, a confirmation message will be displayed to indicate that your vote was recorded.

To add comments from this location, click on the topic description (underlined text) under the Topic Summary heading in the table. The proposal will appear. Click on the "Add New" link to enter your comment. When you have finished composing your comment, click the submit button.

All comments posted at the Topic level are associated with your vote. The number of comments you have posted within each Topic will be indicated under the Comment Count heading.

By clicking on the link under the Comment Count heading, you are able to view all of your comments for that Topic.

[Vote Yes To All](#)

Voting	Topic Summary	Comment Count
<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Abstain	1. Addition to Paragraph 6.2 of Reference to ASTM D 790	0
<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Abstain	2. Clarification of Requirements in Paragraph 7.2 and New Table 7.3 for Evaluating the Thickness of UL/ANSI Industrial Laminates	0
<input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Abstain	3. Clarification of Sample Requirements in Tables 8.1 and 9.1 for the Ultrathin Laminate and Prepreg Test Program	0



CSDS – Vote Summary

There is a quick view available for the user to see if consensus has been reached, based on the ANSI requirements.

	Topic	Yes	No	No Without Comment	Abstain	Not Returned	Eligible Voters	Consensus
+	2. UL 5: Flush Duplex Receptacle Securement	13	2	0	2	4	21	Yes
+	6. UL 209: Flush Duplex Receptacle Securement	13	2	0	1	5	21	Yes
+	8. UL 884: Flush Duplex Receptacle Securement	13	2	0	1	5	21	Yes

If you expand the topic, you have the ability to see all of the eligible voters, how they voted and if they provided any comments.

Vote Summary Expanded



CSDS – Current Status?

- Licensing
- The Coral Reef Alliance
- More Intuitive
- Many new enhancements for users



Questions/Comments??

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