

Subject 50E (In reply, refer to Subject 50E.)

12 Laboratory Drive
Research Triangle Park, NC 27709
March 30, 2001

**TO: Industry Advisory Conference of UL for Electrical Enclosures,
Electrical Council of Underwriters Laboratories Inc.,
Subscribers to UL's Standards Service for
Enclosures for Electrical Equipment**

**SUBJECT: Request for Comments for the Proposed First Edition of the Standard for
Enclosures for Electrical Equipment, Environmental Considerations, UL 50E;
PROPOSED EFFECTIVE DATE**

SUMMARY OF TOPICS

This bulletin proposes the following:

The proposed first edition of UL 50E which is the result of a harmonization effort to develop a UL/CSA/ANCE trinational standard.

COMMENTS DUE: June 22, 2001

Attached as Appendix A for your review and comment are proposed requirements for UL 50E. Questions regarding interpretation of requirements should be directed to the responsible UL Staff. Please see Appendix B of this bulletin regarding designated responsibility for the subject product categories.

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.

PRODUCTS AND INDUSTRIES AFFECTED BY THE PROPOSAL

UL requests your assistance in identifying other products or industries that might be affected by the requirements contained in this bulletin. UL suggests that all suppliers or customers for these products and industries be made aware of these requirements prior to their proposed effective date. Also, please forward your suggestions to UL so that these products and industries may be identified in future bulletins.

PROPOSED EFFECTIVE DATE

The proposed requirements specified in the following table will necessitate a review and possible retest of currently Listed or Recognized products. Therefore, UL proposes that these requirements become effective 24 months after publication. This is intended to provide manufacturers with sufficient time to submit modified products for investigation and to implement the necessary changes in production. Please note that this also includes the time that will be needed by UL to conduct a review of the modified product.

Paragraph Number	Topic	Proposed Effective Date
5.3.3.1	Dimensions of Drain Holes	24 months
5.4.2.3 and 6.15.1 – 6.15.2.2	Misalignment Test	24 months

The remainder of the requirements will not necessitate a review or additional testing of currently Listed or Recognized products. Therefore, UL proposes that these requirements become effective upon publication.

RATIONALE

This standard provides requirements for enclosures for use in non-hazardous (classified) locations. It identifies the requirements necessary to provide protection to the enclosed equipment against specific environmental conditions. The proposed draft represents requirements pulled from standards presently used in Canada, Mexico, and the US for enclosures.

Additional revisions to address the style and structure will be included in the next bulletin of this draft.

IMPACT

As the proposed twelfth edition of UL 50, Standard for Enclosures for Electrical Equipment, Non-Environmental Considerations plus proposed UL 50E, Standard for Enclosures for Electrical Equipment, Environmental Considerations are equivalent standards to the eleventh edition of UL 50 except for the aforementioned construction and performance requirements, a review of currently Listed or Recognized products will be necessary. Therefore, UL proposes that the requirements for dimensions of drain holes and the misalignment test become effective 24 months after date of publication.

The remainder of the requirements will not necessitate a review or additional testing of currently Listed or Recognized products. Therefore, UL proposes that these requirements become effective upon publication.

REQUESTS FOR COMMENTS ON PROPOSALS

Please provide the following:

1. Your comments concerning the proposed requirements; and
2. Your comments concerning the proposed effective date, should the proposals be adopted.

Written comments should be sent by regular mail, fax, or e-mail to the attention of **Warren Casper** at UL's Research Triangle Park office, P.O. Box 13995, Research Triangle Park, NC 27709-3995. Please reference all correspondence to Subject 50E. If you respond by fax or e-mail, please include your full name and company address to ensure a reply.

All comments should be sent by June 22, 2001.

Unless specifically requested to do so, UL will not acknowledge comments indicating concurrence with these proposals.

UNDERWRITERS LABORATORIES INC.

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