

## Standard Information

**Standard Name:** Standard for Safety for Enclosures for Electrical Equipment, Non-Environmental Considerations

**Standard Number:** UL 50 harmonized with CSA C22.2 No. 94.1-07

**Standard Edition and Issue Date:** UL 50, 12<sup>th</sup> edition, Issued: September 4, 2007; CSA 94.1, 1<sup>st</sup> edition, Issued: September 4, 2007

**Date of Revisions:** April 27, 2012

**Date of Previous Revisions to Standard:** 11<sup>th</sup> edition, issued: October 19, 1995, revised: Sept. 4, 2007

## Effective Date of New/Revised Requirements

**Effective Date:** September 4, 2015

## Impact, Fees, Overview, and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with the new/revised requirements and which products will require re-evaluation and test. **NOTE:** Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on the Effective Date of September 4, 2015 unless product is found to comply with the new/revised requirements.

**Fees:** So that production of your products bearing the Listing Mark will not be interrupted, at some point between 5 –10 months before the Effective Date, our Engineers will begin reviewing your Listing Report (s) for compliance with these new/revised requirements. Either the Listing Report (s) will be revised to show compliance or a Findings Letter will be prepared and sent to your attention along with a quote for necessary re-evaluation and testing. This initial review of your Listing Report (s) will be covered by a direct billing project:

**Construction review:** 1 day

**Testing:** 1-2 days

**Overview:** This revision for Safety for Enclosures for Electrical Equipment, Non-Environmental Considerations, UL 50 harmonized with CSA C22.2 No. 94.1-07.

**This revision to ANSI/UL 50 is being issued to update the UL approval date per a UL Standards reaffirmation of ANSI/UL 50, CSA C22.2 No. 94.1-07 and to extend the effective date of Clauses 6.3.3.1, 6.10.2.1, 6.10.3.1, 7.8.1, 8.4.1 – 8.4.4, 8.9.1 – 8.9.2.1 and 10.1.3.**

Specific details of the new/revised clauses of the standard are found in the table below.

### Action Required:

Information – Please submit the following information to assist with determining compliance:

- Installation manual
- Differences and similarities if more than one model to select worse case model representation
- Markings



# Standards Update Notice

Samples – Please submit the following representative sample of product constructions to assist with determining compliance:

Two samples of worse case model representation of complete enclosures or sample plates that fulfill requirements of Figure 9 of standard.

Current Listings – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.

## Description of New/Revised Technical Requirements

Clause	Verdict	Comment	NC#
6.3.3.1	Verify	Type 1, 2, and 3R enclosures may be ventilated	
6.10.2.1	Test	Knockouts shall be so formed that they are capable of being readily removed but will not drop out during ordinary handling. Multiple ring knockouts shall have sufficient strength to meet the test requirements of 8.4	
6.10.3.1	Test	Knockouts shall be so formed that they are capable of being readily removed but will not drop out during ordinary handling. Multiple ring knockouts shall have sufficient strength to meet the test requirements of 8.4	
7.8.1	Verify	Ventilated Type 1, 2, or 3R enclosures in which the equipment to be installed is not known, and in which compliance with 8.9 depends upon the location of such equipment, shall be marked to indicate the area in which live parts are to be installed.	
8.4.1-8.4.4	Test	Multiple knockouts test	
8.9.1-8.9.2.1	Test	Rod Entry Test – Ventilated enclosures test method	
10.1.3	Verify	A junction or pull box shall not include ventilation openings	
		<b>CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used by you to assist in determining how current or future production of the product is or will be in compliance with the new/revised requirements by the Effective Date.</b>	