



November 25, 2015

To: Standards Technical Panel (STP) for Enclosures for Electrical Equipment, STP 0050;
Subscribers to UL's Standards Service for UL 50;
Subscribers to UL's Listing, and Unlisted Component Services for Junction and Pull Boxes, Cabinets and Cutout Boxes under UL 50;
Multiple and Alternate Listees of UL Listed Junction and Pull Boxes, Cabinets and Cutout Boxes (for information only).

Subject: Transition of UL 50 Industry File Review to "Continuing Certification" Program

BACKGROUND

In September of 2007, an Industry File Review was initiated to transition UL Certified "Junction and Pull Boxes," and "Cabinets and Cutout Boxes" (UL categories BGUIZ and CYIV, respectively) from the 11th edition of UL 50 to the 12th edition of UL 50 and 1st edition of UL 50E. The completion date of the file review is September 4th, 2015 (the effective date of UL 50 12th Edition and UL 50E 1st Edition). Since the initiation of the Industry File Review, UL has introduced an alternate means of transition, termed "Continuing Certification." UL will now use the new Continuing Certification Program for the transition from the 11th edition of UL 50 to the 12th edition of UL 50 and 1st edition of UL 50E.

CONTINUING CERTIFICATION PROGRAM

Please visit the Continuing Certification [web site](https://ifs.ul.com/ifr/IFR.nsf/$$Template%20for%20CCPage?OpenForm) (https://ifs.ul.com/ifr/IFR.nsf/\$\$Template%20for%20CCPage?OpenForm) and review the Customer reference documents "Introduction to Continuing Certification" and "Customer Facing Document" for more information on the Continuing Certification process.

Please refer to the following for specific details of this new approach.

- UL is providing this alternative certification approach because the transition to UL 50 12th Ed. and UL 50E 1st Ed. is a result of harmonization of requirements of UL 50 11th Ed. and CSA C22.2 No 94, and not a result of revised requirements due to safety issues. See the attached documents for the summary of requirements for UL 50 12th Ed. and UL 50E 1st Ed.
- The Transition date for continuing certification will be September 4th, 2016.
- Existing certifications to the 11th edition of UL 50 will be allowed to maintain certification after the Transition Date of September 4th, 2016, provided there are no changes to the enclosure design that require a certification decision in accordance with the latest published Standard Revision. For example, changes to the enclosure design, environmental rating, or the use of alternate parts requiring a certification decision submitted on or after the Transition date of September 4th, 2016, will require that the enclosure (in its entirety) be evaluated to the latest Standard Revision, UL 50 12th Edition and UL 50E 1st Edition. Additionally, note that future changes to UL 50/50E may require action to be taken to maintain certification.

- After the Transition date, only the latest Standard Revision of UL 50 12th Edition and UL 50E 1st Edition will be used for new and revised Junction and Pull box and Cabinet and Cutout Box investigations.
- Products under category CYIV (Cabinets and Cutout Boxes) that are certified to the 11th edition of UL 50 will be required to be marked with “11th Ed.,” “UL 50 11th Ed.,” or “UL 50 11” beginning on the Transition date.
- From now until the effective date, enclosures may be investigated to either the 11th edition of UL or the 12th edition of UL 50 and 1st edition of UL 50E.

INFORMATION ON IMPLEMENTATION PLAN

The plan to transition certified motor control devices allows manufacturers two options:

- A. Maintain certification to existing UL 50 11th Ed. under the Continuing Certification approach; or
- B. Transition certification to UL 50 12th Ed/UL 50E 1st Ed. either now or in the future.

This Continuing Certification Program enables manufacturers to transition to new requirements based on their own schedule and their market demands. It will also allow manufacturers to continue producing products presently certified provided there are no changes made to the products or there are no modifications where compliance must be confirmed.

Should you have any questions regarding this letter or the Continuing Certification Program, please contact Sal Porcillo at (631) 546-2620 or Salvatore.Porcillo@ul.com

Respectfully,



BRUCE MAHRENHOLZ
CPO Director
Certification Programs Office

October 1, 2007

SUMMARY OF REQUIREMENTS

The following is a brief summary of the new paragraphs in the Standard for Standard For Safety For Enclosures For Electrical Equipment, Non-Environmental Considerations, UL 50, which have a future Effective Date of September 4, 2012 and the action that may be required to determine compliance.

Please refer to the companion Summary of Requirements Document under UL50E to understand the complete changes.

Paragraphs	General Subject and Comment
<p>6.3.3.1, 7.8.1, 8.9.1 – 8.9.2.1, 10.1.3</p>	<p>Ventilation openings in Type 1, 2 and 3R enclosures and rod entry test – The new requirements permit ventilation openings only in Type 1, 2, and 3R enclosures, other than junction and pull boxes as noted in 10.1.3, when the ventilation openings comply with the rod entry test in 8.9. Where compliance with the rod entry test is dependent upon the location of the installed electrical equipment, the intended location for the equipment to be installed must be marked on the enclosure as in 7.8.1. Manufacturers are requested to review their currently Listed enclosures to identify any enclosures provided with ventilation openings. Ventilated enclosures will be required to comply with the new requirements, and have compliant constructions described in their respective Listing Reports by the effective date.</p>
<p>6.10.2.1, 6.10.3.1, 8.4.1 – 8.4.4</p>	<p>Strength of multiple ring knockouts and breakouts – Enclosures provided with multiple ring knockouts as in 6.10.2.1 or breakouts as in 6.10.3.1 are required to comply with the Multiple Knockouts Test in 8.4. Manufacturers are requested to review their currently Listed enclosures to identify those provided with concentric or eccentric knockouts or breakouts. Enclosures provided with multiple ring knockouts or breakouts will be required to comply with the Multiple knockouts test, and have compliant constructions described in their Listing Report by the effective date.</p>

October 1, 2007

SUMMARY OF REQUIREMENTS

The following is a brief summary of the new and revised paragraphs in the Standard for Standard For Safety For Enclosures For Electrical Equipment, Environmental Considerations, UL 50E, which have a future Effective Date of September 4, 2012 and the action that may be required to determine compliance.

Please refer to the companion Summary of Requirements Document under UL50 to understand the complete changes.

Paragraphs	General Subject and Comment
<p>7.3.3.1</p>	<p>Drainage openings in Type 2 and 3R enclosures - The requirement for drainage openings has been revised to specify a minimum 3.2mm (1/8 inch) diameter and a maximum of 6.4mm (1/4 inch) diameter opening. Drainage openings may be either supplied by the manufacturer or specified for field drilling in printed instructions accompanying Listed Type 2 and 3R enclosures. Manufacturers may need to modify existing constructions, or installation instructions in order to comply with the revised requirement. Manufacturers are requested to review currently Listed enclosures to identify all Type 2 and 3R enclosure constructions. All Type 2 and 3R enclosures will be required to comply with the new requirements, and have compliant constructions described in their respective Listing Reports by the effective date.</p>
<p>7.3.5.1, 8.14.1 – 8.14.2.1, 9.2.3</p>	<p>Ventilation openings in Type 1, 2 and 3R enclosures and rod entry test – The new requirements permit ventilation openings only in Type 1, 2, and 3R enclosures, other than junction and pull boxes, when the ventilation openings comply with the rod entry test in 8.14, and the intended location for the equipment to be installed must be marked on the enclosure as in 9.2.3. Manufacturers are requested to review their currently Listed enclosures to identify any enclosures provided with ventilation openings. Ventilated enclosures will be required to comply with the new requirements, and have compliant constructions described in their respective Listing Reports by the effective date.</p>
<p>7.4.2.3, 7.4.2.4, 8.15.1 – 8.15.2.2, Table 2, Table 5</p>	<p>Misalignment test for enclosures rated other than Type 1 - For plastic enclosures rated other than Type 1, the misalignment test is added to the required tests indicated in Table 2 and is conducted in conjunction with environmental tests. For equipment certified to Canadian requirements only, the misalignment test also applies for metal enclosures rated other than Type 1 having a wall thickness less than 1.35mm, such as a surface evaluated by means of a compression test. To comply with the new requirements, manufacturers may need to modify enclosure construction, enclosure type rating(s), markings, and/or sample enclosures may need to be submitted for additional tests. Manufacturers are requested to review their currently Listed enclosures to identify any Currently Listed plastic enclosures or enclosures constructed from metal less than 1.35mm thick. These enclosures will be required to comply with new requirements and have compliant constructions described in their respective Listing Reports by the effective date.</p>

Paragraphs	General Subject and Comment
<p data-bbox="284 360 357 427">7.6.1, 7.6.2</p>	<p data-bbox="480 322 1396 651">Provisions for locking or use of tools for access to Types 12, and 12K enclosures – The revised requirements extend existing construction requirements for closing hardware to Type 12 and 12K enclosures, requiring provisions for captive closing hardware, and provisions for locking or use of tools for access to Type 12 and 12K enclosures. Currently Listed Type 12 and 12K enclosures may require modifications to their construction in order to comply with the revised requirements. Manufacturers are requested to review their currently Listed enclosures to identify all Type 12 and 12K enclosures. Type 12 and 12K enclosures will be required to comply with the revised requirements, and have compliant constructions described in their respective Listing Reports by the effective date.</p>
<p data-bbox="204 703 437 808">7.7.1, 8.13.3.1 – 8.13.3.4, Figure 3</p>	<p data-bbox="480 665 1396 963">Compression Test for Gaskets used for Types 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12, 12K, and 13 – The requirements specify a compression test sequence for gaskets used in enclosures having one or more of the specified enclosure type ratings. Gasket materials, including alternate suppliers of gaskets, used in currently Listed enclosures may be required to submitted for evaluation to the new compression test. Manufacturers are requested to review their currently Listed enclosures to identify all gaskets materials used in Type 2, 3, 3R, 3S, 4, 4X, 5, 6, 6P, 12, 12K and 13 enclosures. These gasket materials will be required to comply with new requirements and have compliant constructions described in their respective Listing Reports by the effective date.</p>