

STANDARD INFORMATION

Standard: UL 50 / CSA C22.2 No. 94.1

Standard ID:

Enclosures for Electrical Equipment, Non-Environmental Considerations [UL 50:2024 Ed.14]

Enclosures For Electrical Equipment, Non-Environmental Considerations [CSA C22.2#94.1:2024 Ed.3]

Previous Standard ID:

Enclosures for Electrical Equipment, Non-Environmental Considerations [UL 50:2015

Ed.13+R:15Oct2020]

Enclosures for Electrical Equipment, Non-Environmental Considerations [CSA C22.2#94.1:2015

Ed.2+U1]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **February 28, 2026**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Listings currently referencing UL 50 12th edition and CSA C22.2 No 94.1 1st edition may continue to do so. Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- New Cover pull test
- New Side wall deflection test
- New box and cover requirements for sheet metal cabinets

Specific details of new/ revised requirements are found in table below

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
8	Info	Tests <i>New section added;</i> Cover pull test 8.12 For tests permitted by 9.2.3, a cover that is fastened as intended to a fully assembled box shall not permit an opening of 12.7 mm (1/2 inch) or greater to be created between the cover and the box, when subjected to a 156 N (35 lb) pull force (see Figure 8.3). See standard for details.
8.13		<i>New section added;</i> Side wall deflection test For tests permitted by 9.2.3, the side walls of a box, when fully assembled and fastened to a cover, shall not permit an opening of 12.7 mm (1/2 inch) or greater to be created between the cover and the box, when subjected to a 220 N (49.5 lb) pull force. See standard for details.
9	Info	Cabinets and Cutout Boxes
9.2	Info	Sheet metal cabinets <i>New section added;</i>
9.2.3		Box and cover (Alternative to construction requirement)
9.2.3.1		Alternative to the construction requirements of 6.7.6.3, a box and cover shall be permitted to be unflanged if the combination complies with the Cover Pull Test described in 8.12 and the Side Wall Deflection Test described in 8.13.
9.2.3.2		When these cabinets and cutout boxes are rated other than Type 1, the applicable environmental tests shall be conducted with the same sample after it has completed tests in 8.12 and 8.13.