

STANDARD INFORMATION

Standard: UL 50E / CSA C22.2 No. 94.2

Standard ID:

Enclosures for Electrical Equipment, Environmental Considerations [UL 50E:2020 Ed.3+R:30Apr2024]

Enclosures for Electrical Equipment, Environmental Considerations [CSA C22.2#94.2:2020 Ed.3+U1]

Previous Standard ID:

Enclosures for Electrical Equipment, Environmental Considerations [UL 50E:2020 Ed.3]

Enclosures for Electrical Equipment, Environmental Considerations [CSA C22.2#94.2:2020 Ed.3]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: April 30, 2026

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: 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 Reports not updated to this version by the effective date above will be withdrawn.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:

- Sealing Compound at Joints or Seams
- Ancillary Rating for Power Wash – PW
- Adhesives that Bond Surfaces

Specific details of new/revise 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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>
7	Info	Construction
7.8	Info	Factory-applied Sealing compounds
		A sealing compound that is <u>factory-applied</u> on a Type 2, 3, <u>3X</u> , 3R, <u>3RX</u> , 3S, <u>3SX</u> , 4, 4X, 5, <u>6</u> , <u>6P</u> , 12, 12K, <u>or 13</u> enclosure and is relied upon to comply with the design tests of this standard shall only be applied to the inside cavity of an enclosure, <u>including at joints or seams.</u>
7.8.1		<u>Note 1: This requirement, prior to the sealant compound curing or hardening, does not preclude untrimmed seepage through the joints or seams to the enclosure's exterior during the factory application, nor does this requirement preclude factory-applied sealant by encapsulation from the exterior.</u> <u>Note 2: This requirement does not address field-application of sealant compounds in accordance with manufacturer's installation instructions.</u>
8	Info	Tests
8.17	Info	Sealing compounds tests
8.17.2		Clause E2.2.4 is only applicable to sealants used on polymeric enclosures and is not applicable to sealants used on metal enclosures <u>not applicable for sealants.</u> Clause E2.2.5 shall be used for sealant applications for the materials described in E2.2.5.1.
		<i>New section added;</i>
		High-pressure power wash test
8.18		The test shall be made by spraying the enclosure with a stream of water from a standard test nozzle with a water temperature of 80 ±5°C unless otherwise specified and marked as shown in: See standard for details.