

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:17Oct2025]

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

Ed.3+U1;U2]

Previous 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]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **October 17, 2027**

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 Reports not updated to this version by the effective date above will be withdrawn.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

- Ancillary ratings for power wash
- Factory-applied sealing compounds

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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>
5A	Info	Explanation of The Enclosure Type Nomenclature
5A.2	Info	Pressure wash
5A.2.1		PW Enclosures constructed for exterior cleaning with high-pressure power washers and tested in accordance with Clause 8.18. The PW ancillary rating may be appended only to the following ratings: 3, 3X, 3S, 3SX, 4, 4X, 6, 6P, 12, 12X <u>12K</u> , 13.
7	Info	Construction
7.8	Info	Factory-applied sealing compounds
7.8.1		A sealing compound that is factory-applied on a Type 2, 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 5, 6, 6P, 12, 12K, or 13 enclosure and is relied upon to comply with the design tests of this standard shall be applied to the inside cavity of an enclosure, including at joints or seams, <u>and shall comply with the Sealing Compounds test of Clause 8.17.</u>
8	Info	Tests
8.3	Info	Rain test
8.3.4		An Type 3R or 3RX enclosure shall be considered to have met the requirements if at the conclusion of the test: a) There is no accumulation of water within the enclosure; and b) No water has entered the enclosure at a level higher than the lowest live part, other than as permitted by Clause 8.3.5.